



LANDSEAIR

2022-23

EXECUTIVE COMPANY

**PROFILE**

[www.landseairph.biz](http://www.landseairph.biz)

*"Building new horizons.*

*Your future partner."*

**LANDSEAIR**

LOGISTICS

TRADING

INDUSTRIAL

CONSTRUCTIONS

SUPPLIES



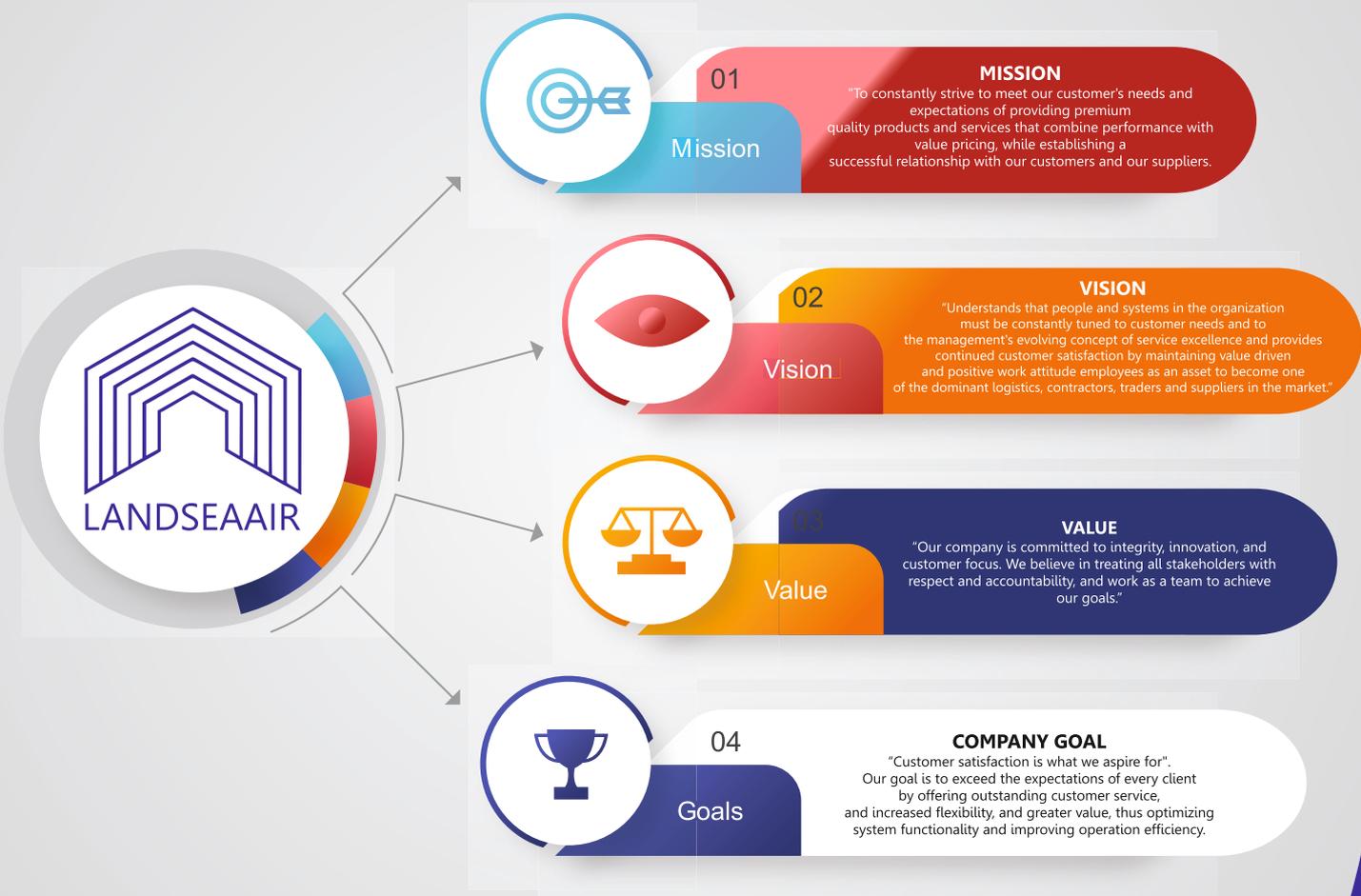
**AUREA 888 CONSTRUCTION SUPPLIES TRADING  
LANDSEAIR LOGISTICS SERVICES**



# LANDSEAAIR

TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES





# LANDSEAAIR

TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

## LANDSEAAIR

# COMPANY REGISTRATION & PERMIT



REPUBLIC OF THE PHILIPPINES  
SECURITIES AND EXCHANGE COMMISSION  
The SEC Headquarters  
7907 Makati Avenue, Salcedo Village,  
Barangay Bel-Air, Makati City, 1209, Metro Manila

COMPANY REG. NO.: 2022120079026-61

### CERTIFICATE OF INCORPORATION

ALL PERSONS BY THESE PRESENTS:  
This is to certify that the Articles of Incorporation and By Laws of:

**LANDSEAAIR TDL ECONSTRUCTION VENTURES CORP.**

were duly approved by the Commission on this date upon the issuance of this Certificate of Incorporation in accordance with the Revised Corporation Code of the Philippines (Republic Act No. 11232), which took effect on February 23, 2019 and copies of said Articles of Incorporation and By Laws are hereto attached.

This Certificate grants juridical personality to this corporation **DOES NOT AUTHORIZE** it:

- A. To issue, sell or offer for sale to the public, securities such as but not limited to, shares of stock, investment contracts, debt instruments and virtual currencies without prior Registration Statement approved by this Commission;
- B. To undertake business activities such as, but not limited to acting as: broker or dealer in securities, issuer of securities eligible dealer (ISED), investment adviser of an investment company, close-end fund, investment company, investment house, transfer agent, commodity/financial futures exchange, broker/merchant, financing/lending company, and time shares/club shares/membership program issuers or selling agents thereof, nor to operate a fiat money to virtual currency exchange nor engage in investment solicitation and investment taking requiring a Secondary License from this Commission.
- C. To act as a permit to undertake activities for which other government agencies require a license or permit.

This Certificate is granted subject to the conditions stated at the back of this document.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the seal of this Commission to be affixed to this Certificate at The SEC Headquarters 7907 Makati Avenue, Salcedo Village, Barangay Bel-Air, Makati City, 1209, Metro Manila, Philippines, this day of 16 December Two Thousand Twenty Two.

**GERARDO F. DEL ROSARIO**  
Director  
Company Registration and Monitoring Department

This is a computer generated certificate, signature is not required.

For SEC use only  
Cable (PSE) as reserved  
Stock Corporation  
Register

DOCUMENTARY STAMP TAX PAID

The original copy of this Certificate must be secured within one year from the date of registration



This certifies that

### LANDSEAAIR LOGISTICS SERVICES (NATIONAL)

is a business name registered in this office pursuant to the provisions of Act 3883, as amended by Act 4147 and Republic Act No. 863, and in compliance with the applicable rules and regulations prescribed by the Department of Trade and Industry.

This Certificate issued to

### RONNIEL MASCARIÑAS MANUMBALE

is valid from 06 May 2021 to 06 May 2026 subject to continuing compliance with the above-mentioned laws and all applicable laws of the Philippines, unless voluntarily cancelled

In testimony whereof, I hereby sign this

### Certificate of Business Name Registration

and issue the same on 06 May 2021 in the Philippines.

**RAMON M. LOPEZ**  
Secretary

### Business Name No. 2893387

This certificate is not a license to engage in any kind of business and valid only at the scope indicated herein.



GVHR432812392746

Documentary Stamp Tax Paid Php 30.00



Republic of the Philippines  
QUEZON CITY  
Metro Manila  
BUSINESS PERMITS AND LICENSING DEPARTMENT  
Telephone No. 082-4242 Loc. 8174 / 8282

**PERMIT TO OPERATE**

Mayor's Permit No. 23-900841  
Date Issued: 02/23/2023

Type of Application: NEW  
Date Expiry: FEBRUARY 23, 2024

Business Name: **MANUMBALE, RONNIEL M.**  
Owner's Name: **MANUMBALE, RONNIEL M.**

Amount Paid: **4,288.75**  
Date of Payment: 02/16/2023

Business Address: **UNIT 3746 GRASS RESIDENCES TOWER 2 NUEVA VISCAYA ST. STD. CRISTO**

Kind of Business: **LANDSEAAIR LOGISTICS SERVICES**

Remarks: **NON-TRANSFERABLE AND VALID ONLY WITH CORRESPONDING OFFICIAL RECEIPTS SHOWING PAYMENT OF PERMIT FEES AND CITY TAXES. ERASURES/ALTERATIONS WILL INVALIDATE THIS PERMIT. FAILURE TO RENEW THIS BUSINESS PERMIT/TENURE WITHIN THE PRESCRIBED PERIOD SHALL SUBJECT THE BUSINESS TO A TWENTY-FIVE PERCENT (25%) SURCHARGE OF THE PERMIT FEE. THIS PERMIT SHALL BE POSTED CONSPICUOUSLY AT THE PLACE OF BUSINESS AND SHALL BE PRESERVED AND/OR SUBMITTED TO CONCERNED AUTHORITIES UPON DEMAND. SURRENDER THIS PERMIT WITHIN 20 DAYS UPON CLOSURE OF BUSINESS TO AVOID PENALTY. SUBJECT TO COMPLIANCE TO ORDINANCES RELATED TO CONDUCT OF BUSINESS.**

For and by the Authority of the City Mayor:  
**MA. JOSEFINA G. BELMONTE**

For and by the Authority of the City Government Department Head III:  
**MA. MARGARITA T. SANTOS**

Printed by: BANKA LABAN

NO. AN- 284201

BIR FORM 2303  
REVISED-APRIL 2019

REPUBLIKA NG PILIPINAS  
KAGAWARAN NG PANANALAPI  
KAWANIAN NG RENTAS INTERNAS  
REVENUE REGIONAL OFFICE 87A - QUEZON CITY  
REVENUE DISTRICT OFFICE NO. 638 - NORTH QUEZON CITY

OCN: 833RC20230000001179  
Date OCN Generated: February 21, 2023

**CERTIFICATE OF REGISTRATION**

TIN & BRANCH CODE: 489-209-511-00000  
NAME OF TAXPAYER: MANUMBALE, RONNIEL MASCARIÑAS  
TIN ISSUANCE DATE: May 21, 2015

REGISTERING OFFICE: X Head Office Branch

REGISTERED ADDRESS: UNIT 3746 GRASS RESIDENCES TOWER 2 NUEVA VIZCAYA STREET SANTO CRISTO 1105 QUEZON CITY 00002 NCR, SECOND DISTRICT PHILIPPINES

TAX TYPES	FORM TYPES	FILING START DATE	FILING FREQUENCY	FILING DUE DATE
INDIVIDUAL INCOME TAX	1701/17 01A	January 1, 2024	ANNUALLY	On or before April 15 of each year covering income for the preceding taxable year.
INDIVIDUAL INCOME TAX	1701Q	February 21, 2023	QUARTERLY	1st Quarter-on or before MAY 15 2nd Quarter-on or before AUGUST 15 3rd Quarter-on or before NOVEMBER 15
PERCENTAGE TAX - QUARTERLY	2551Q	February 21, 2023	QUARTERLY	Within twenty five (25) days after the end of each taxable quarter.
REGISTRATION FEE	0605	January 1, 2024	ANNUALLY	On or before the last day of January.

TAXPAYER TYPES: SINGLE PROPRIETORSHIP ONLY (RESIDENT CITIZEN)

BUSINESS INFORMATION DETAILS

TRADE NAME 1	LINE OF BUSINESS	CATEGORY	REGISTRATION DATE
LANDSEAAIR LOGISTICS SERVICES	LOGISTICS SERVICES	Primary	February 21, 2023

REMINDEES:

- An annual registration fee shall be paid upon registration of January, using BIR Form No. 0605.
- Filing of required tax returns to conform with operation, to avoid penalties.
- For new business registrants, application for registration information by filing BIR Form No. 15 earlier, from the date of registration. Registrar
- Immediately inform the district office in cases of changes in business and tax rates.
- For Self-Employed Individuals (SEI) whose gross annual income does not exceed P3,000,000 and who opted to avail of the 8% Income Tax rate under the TRAIN Law (RA 10351), such SEI shall be automatically subjected to 8% percentage tax return (BIR Form No. 2551Q) and opted to avail of the 8% Income tax rate annually.

Page 1 of 2



**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

## LSA CLIENTS / PARTNERS



SGC PAY LLC



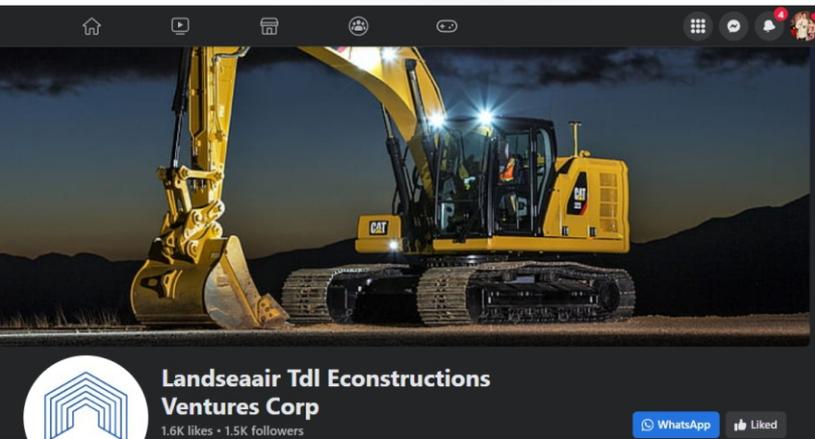


**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES



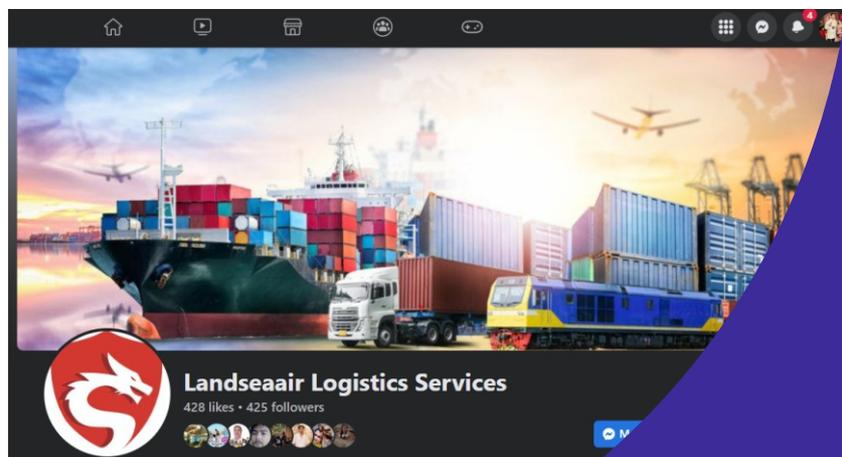
**1.5K LIKES on facebook**  
**850 Orders Supplied & Delivered**  
**30 Client Companies**  
**18 Affiliated Supplier & Factories**



**Like Us on facebook**



**AUREA**





# LANDSEAAIR

TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES



## LANDSEAAIR CLIENTS



# AUREA



NS GLASS AND ALUMINUM SUPPLY



# LANDSEAAIR

TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

## LANDSEAAIR

# TOP CLIENTS



### JD LEGASPI CONSTRUCTION

#### ARMY HEADQUARTERS FORT ANDRES BONIFACIO

- Supply of materials for scaffolding set, aluma beams, G.I. Pipes, phenolic boards

#### FABELLA HOSPITAL TAYUMAN

- Supply of tempered glass
- shelves glass and viewing glass



### JBROS CONSTRUCTION CORP.

#### BANKO SENTRAL PUERTO PRINCESA PALAWAN

- Supply of bomb blast security film 14mils
- Supply of laminated tempered glass 11.52mm
- supply of curtain wall aluminum matte black finish



### NATION STAR/ JBART ALUMINUM AND GLASS SUPPLY

#### MALACAÑANG Palace Manila

- supply of phenolic boards and marine plywood
- supply glass, aluminum, accessories and tempered requirements.





**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

**LANDSEAAIR**

**TOP CLIENTS**



**NS GLASS AND ALUMINUM SUPPLY**

Sta Rosa Laguna City hall  
- supply of aluminum and 6mm reflective tempered glass (5 - story building)

**NS GLASS AND ALUMINUM SUPPLY**



**AR GLASS (Iloilo)**

- supply of UPVC wood finish frames on 6mm clear tempered glass



**AUREA**





**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

**LANDSEAAIR**

# PROJECTS (Supplies and Deliveries)

## AFP Fort Bonifacio Army headquarters

Supply of : Scaffolding set, Shoring jack, Base jack  
Aluma beam, Gi pipes



**AUREA**





**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

**LANDSEAAIR**

# PROJECTS (Supplies and Deliveries)

## AFP Fort Bonifacio Army headquarters

Supply of : Scaffolding set, Shoring jack, Base jack  
Aluma beam, Gi pipes



**AUREA**





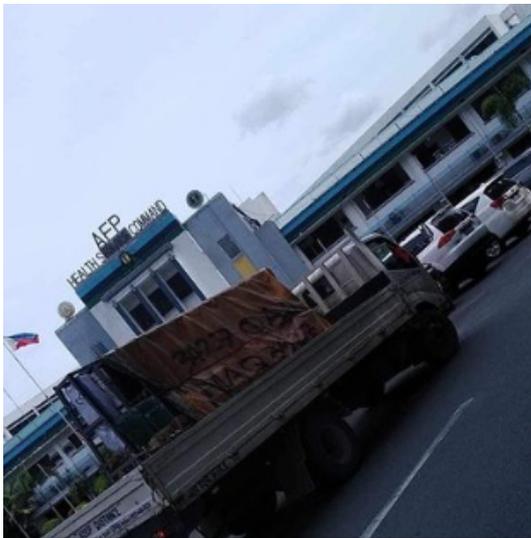
**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

**LANDSEAAIR**

# PROJECTS (Supplies and Deliveries)

**AFP MEDICAL CENTER**





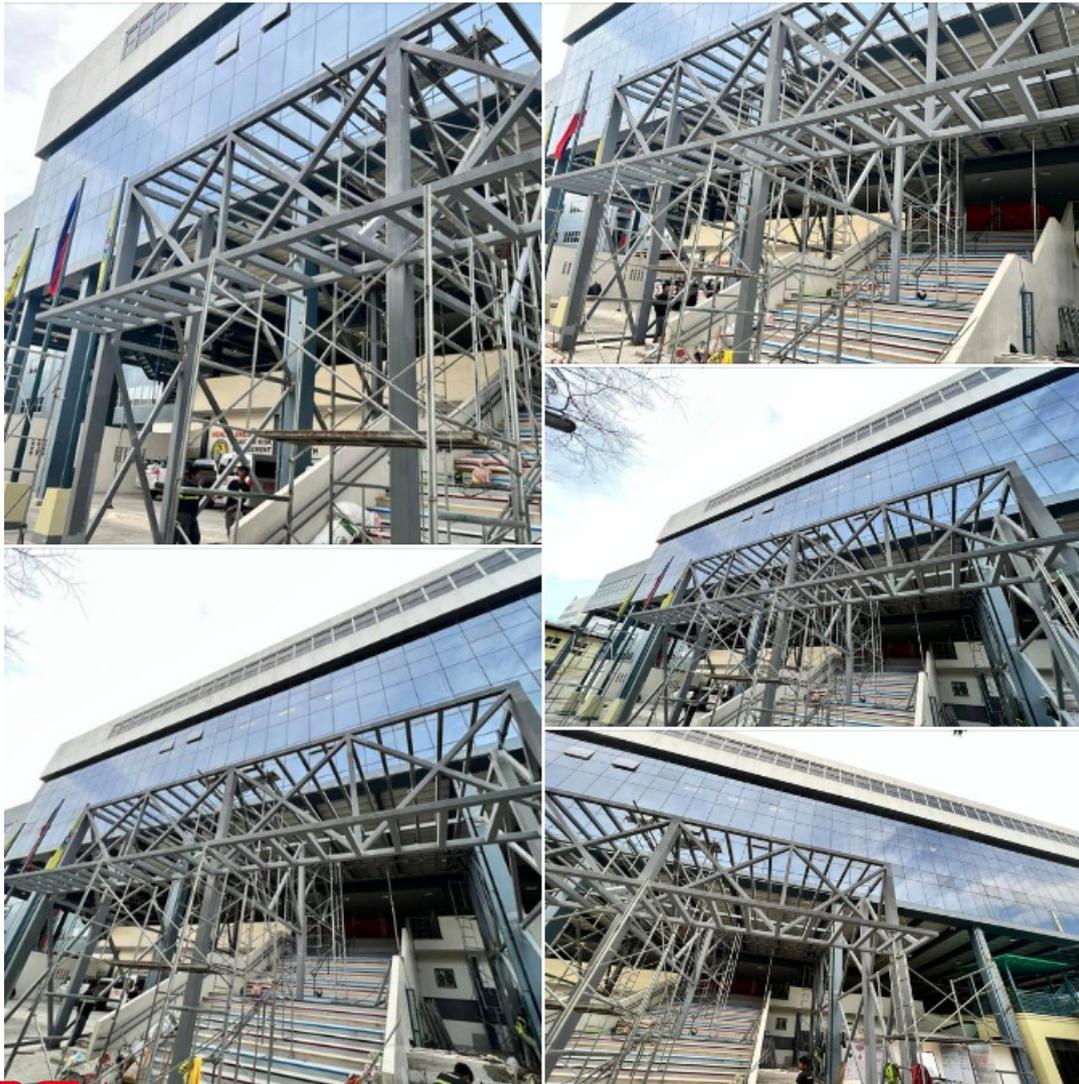
**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

**LANDSEAAIR**

# PROJECTS (Supplies and Deliveries)

Dr Fabella Hospital Tayuman Manila



**AUREA**





**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

**LANDSEAAIR**

# PROJECTS (Supplies and Deliveries)

FABELLA HOSPITAL



**AUREA**





**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

**LANDSEAAIR**

# PROJECTS (Supplies and Deliveries)

**FABELLA HOSPITAL**



**AUREA**





**LANDSEAAIR**  
TDL ECONSTRCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

LANDSEAAIR

# PROJECTS (Supplies and Deliveries)

FABELLA HOSPITAL



AUREA





**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

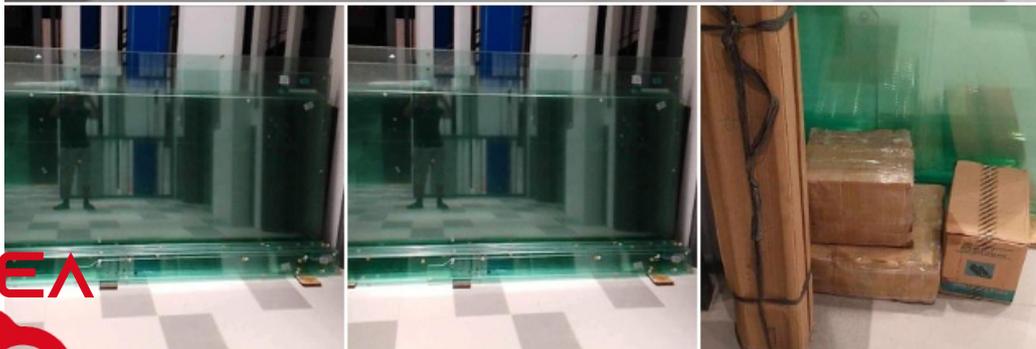
- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

**LANDSEAAIR**

# PROJECTS (Supplies and Deliveries)

**HANDYMAN MAGALANG PAMPANGA**

Supply of : Tempered Glass, Glass Sealants



**AUREA**





**LANDSEAAIR**  
TDL ECONSTRCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

LANDSEAAIR

# PROJECTS (Supplies and Deliveries)

PHILIPPINES CHILDREN'S MEDICAL CENTER



AUREA





**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

**LANDSEAAIR**

# PROJECTS (Supplies and Deliveries)

## ROBINSONS SUPERMARKET BATAAN

Successfully delivered:  
12mm clear tempered partition, 12mm clear tempered glass door, 6mm mirror with hasa, Silicon sealant, Mirror tape, Dorma patch fitting, h type handle 1Mtr





**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

**LANDSEAAIR**

# PROJECTS (Supplies and Deliveries)

## MARIKINA PUMPING STATION

One million peso worth purchased of  
PHILFLEX CABLES AND WIRES



**AUREA**





**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

**LANDSEAAIR**

# PROJECTS (Supplies and Deliveries)

**PCMC BUILDING**



**AUREA**





**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

**LANDSEAAIR**

# PROJECTS (Supplies and Deliveries)

**HANDYMAN PLARIDEL BULACAN**



**AUREA**





**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

LANDSEAAIR

# PROJECTS (Supplies and Deliveries)

DPWH CENTRAL OFFICE



AUREA





**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

**LANDSEAAIR**

# PROJECTS (Supplies and Deliveries)

**ROBINSONS EASYMART**



**AUREA**





**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

LANDSEAAIR

# PROJECTS (Supplies and Deliveries)

VITAS TONDO MANILA



AUREA





**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

LANDSEAAIR

# PROJECTS (Supplies and Deliveries)

PIER 4 PFDA NAVOTAS CITY



AUREA





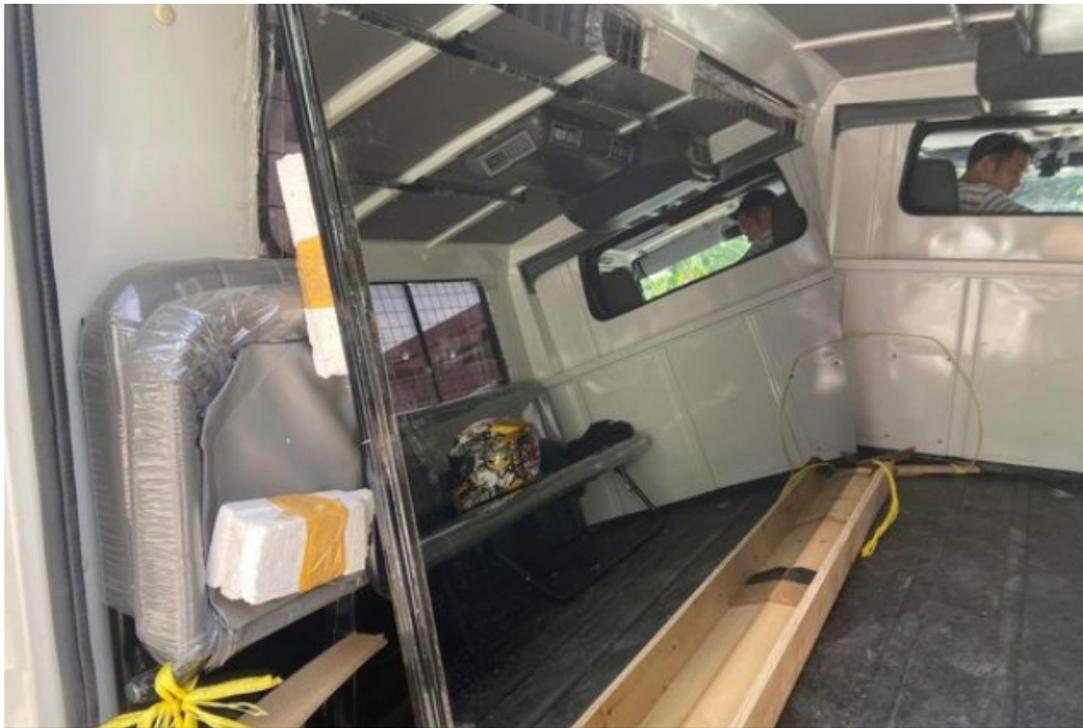
**LANDSEAAIR**  
TDL ECONSTRCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

**LANDSEAAIR**

# PROJECTS (Supplies and Deliveries)

DOH CENTER FOR HEALTH DEVELOPMENT MANDALUYONG CITY



**AUREA**





**LANDSEAAIR**  
TDL ECONSTRCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

**LANDSEAAIR**

# PROJECTS (Supplies and Deliveries)

**United Antipolo Specialists Hospital and Medical Center**



**AUREA**





**LANDSEAAIR**  
TDL ECONSTRCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

LANDSEAAIR

# PROJECTS (Supplies and Deliveries)

SHOPWISE SUCAT PARANAQUE



AUREA





**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

LANDSEAAIR

# PROJECTS (Supplies and Deliveries)

ROBINSONS METRO EAST



AUREA





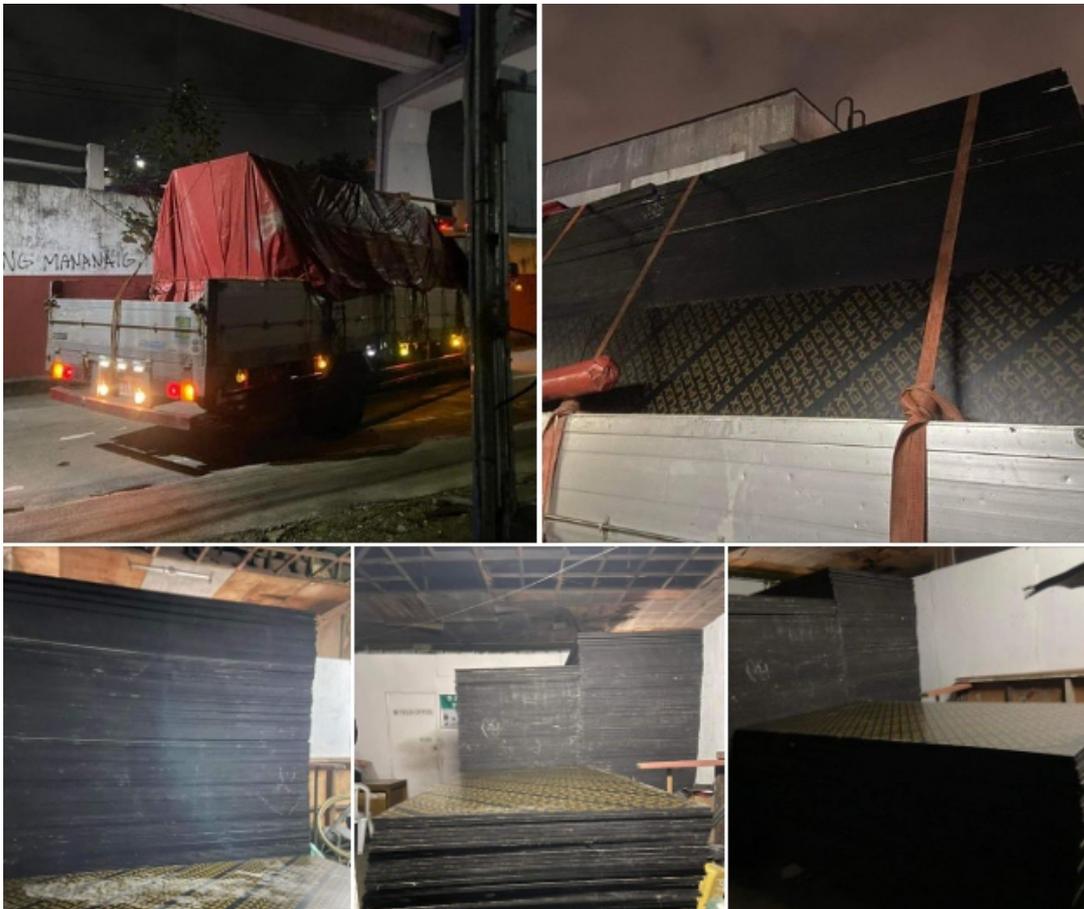
**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

**LANDSEAAIR**

# PROJECTS (Supplies and Deliveries)

COOPERATIVE AND DEVELOPMENT AUTHORITY



**AUREA**





**LANDSEAAIR**  
TDL ECONSTRCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

**LANDSEAAIR**

# PROJECTS (Supplies and Deliveries)

**MERALCO ORTIGAS**



**AUREA**





**LANDSEAAIR**  
TDL ECONSTRCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

**LANDSEAAIR**

# PROJECTS (Supplies and Deliveries)

**PRC NEW BUILDING**



**AUREA**





**LANDSEAAIR**  
TDL ECONSTRCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

**LANDSEAAIR**

# PROJECTS (Supplies and Deliveries)

**ROBINSONS SUPER MARKET ONE AYALA**



**AUREA**





**LANDSEAAIR**  
TDL ECONSTRCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

**LANDSEAAIR**

# PROJECTS (Supplies and Deliveries)

**ROBINSONS SUPER MARKET ONE AYALA**



**AUREA**





**LANDSEAAIR**  
TDL ECONSTRCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

**LANDSEAAIR**

# PROJECTS (Supplies and Deliveries)

**DOH BASKETBALL COURT**



**AUREA**





**LANDSEAAIR**  
TDL ECONSTRCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

**LANDSEAAIR**

# PROJECTS (Supplies and Deliveries)

Senator President Neptali Gonzales Integrated School



**AUREA**





**LANDSEAAIR**  
TDL ECONSTRCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

**LANDSEAAIR**

# PROJECTS (Supplies and Deliveries)

**ROBINSONS MEGASAVERS PAMPANGA**



**AUREA**





**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

**LANDSEAAIR**

# PROJECTS (Supplies and Deliveries)

Handyman Robinsons Solana Bacolor Pampanga



**AUREA**





**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

**LANDSEAAIR**

# PROJECTS (Supplies and Deliveries)

Handyman Robinsons Lipa Btangas



**AUREA**





**LANDSEAAIR**  
TDL ECONSTRCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

LANDSEAAIR

# PROJECTS (Supplies and Deliveries)

SANTA ROSA LAGUNA CITY HALL



AUREA





**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

**LANDSEAAIR**

# PROJECTS (Supplies and Deliveries)

**MANILA BILLIARDS STADIUM**



**AUREA**





**LANDSEAAIR**  
TDL ECONSTRCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

**LANDSEAAIR**

# PROJECTS (Supplies and Deliveries)

**MAKATI COMMERCIAL BUILDINGS**



**AUREA**





**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

**LANDSEAAIR**

# PROJECTS (Supplies and Deliveries)

**MANDALUYONG CITY COLLEGE**





**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

**LANDSEAAIR**

# PROJECTS (Supplies and Deliveries)

**ROBINSONS EASYMART STARHOMES TARLAC**



**AUREA**





**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

LANDSEAAIR

# PROJECTS (Supplies and Deliveries)

ROBINSONS NUEVA ECIIJA



AUREA





**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

**LANDSEAAIR**

# PROJECTS (Supplies and Deliveries)

**MALACANANG PALACE**



**AUREA**





**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

LANDSEAAIR

# PROJECTS (Supplies and Deliveries)

MALACANANG PALACE



AUREA





**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES



## CONSTRUCTION SUPPLIES



**AUREA**





# LANDSEAAIR

TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES



Double Furring



Metal Stud



Metal Track



Carrying Channel



W-clip



Wall Angle



GI Steel Matting



BI Steel Matting





# LANDSEAAIR

TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES



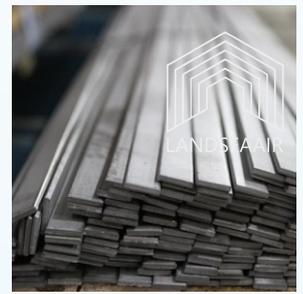
Deformed Bar



Round Bar



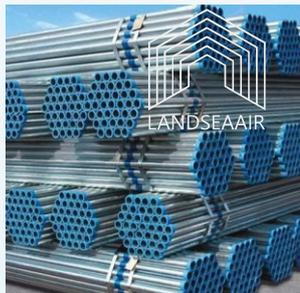
Square Bar



Flat Bar



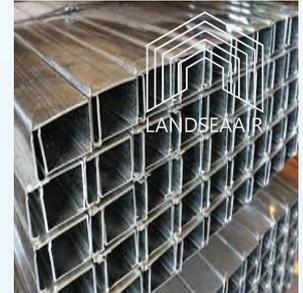
Angle Bar



G.I. Fence Tube



G.I. Pipe



G.I. C Purlins



AUREA  
G.I. Tubular



Channel Bar

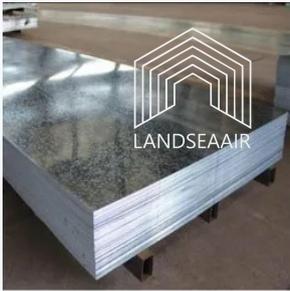




# LANDSEAAIR

TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES



G.I. Sheet



MS Plate



Checkered Plate



Steel Matting



Ordinary Plywood



Marine Plywood



Plyboard



Gypsum Board



**AUREA**  
Phenolic Board



Ficem Board





# LANDSEAAIR

TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES



**Annealed Glass**

Breaks easily, producing long, sharp splinters



**Tempered Glass**

Shatters completely under higher levels of impact energy, and few pieces remain in the frame



**Laminated Glass**

May crack under pressure, but tends to remain integral, adhering to the plastic vinyl interlayer

## GLASS & ALUMINUM SUPPLIES



AUREA

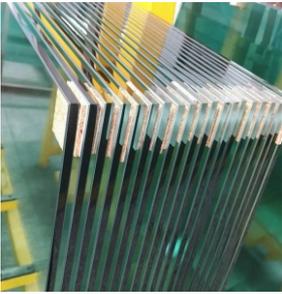




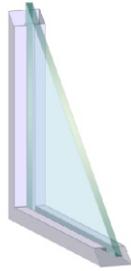
# LANDSEAAIR

TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES



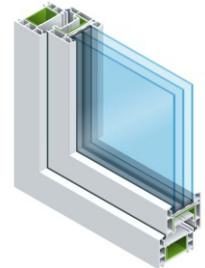
Tempered Glass



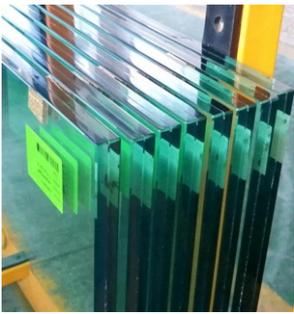
Single Glass



Double Glass



Triple Glass



Laminated Glass



Froasted Glass



Low-E Glass



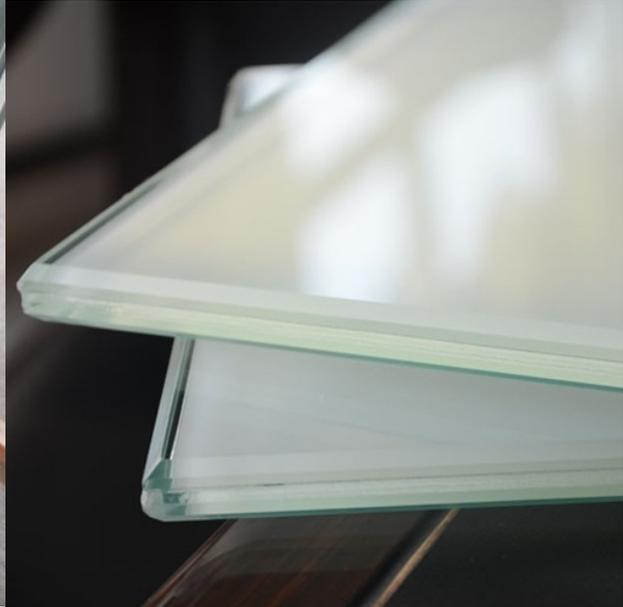
Reflective Glass



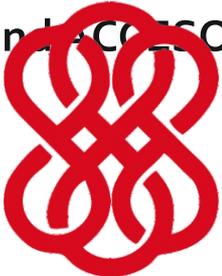


**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES



**6mm/8mm/10mm/12mm Doors & Windows**  
**Clear/Bronze/Blue/Green/Grey/Tinted Tempered/Toughened Glass**  
**WE SUPPLY AND DELIVER ALL KINDS OF GLASS & ALUMINUM**  
**and ACCESSORIES**

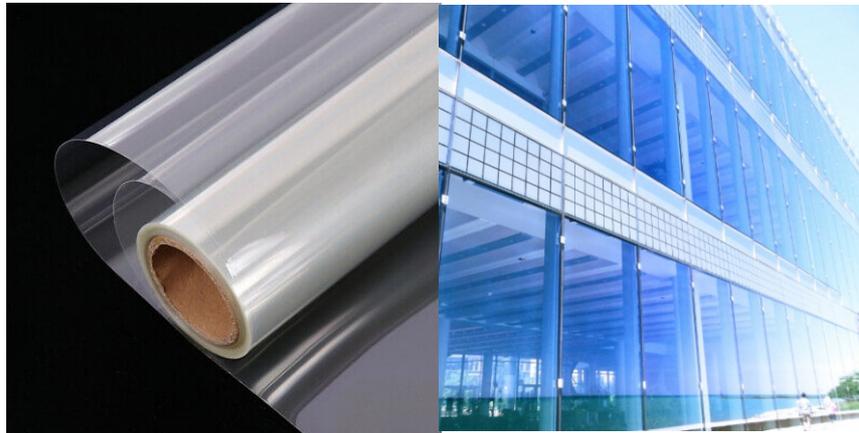




**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

## SPECIAL PRODUCT



Bombed Resistance Film Glass



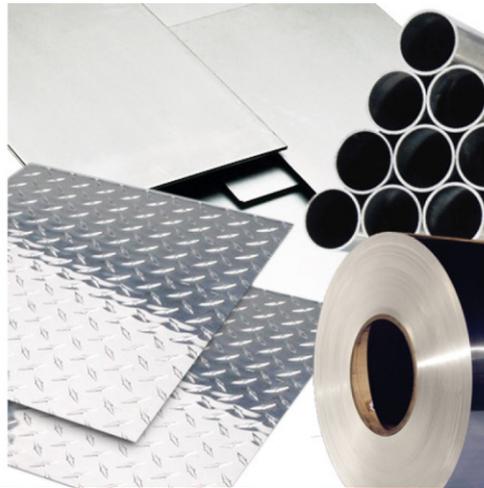


# LANDSEAAIR

TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

## WE SUPPLY AND DELIVER



### ■ Aluminum Profile

- 798 Profile (New 3 Rails)
- 900 Profile (New 3 Rails)
- 38 Profile | 50 Profile | 45 Profile
- Traditional Profiles
- Mullion/Curtain Wall Profile
- Industrial Profile
- HT132 Sliding Door (Heavy Duty)
- Aluminum Railings
- Office Partition Sections
- Powder Coatings

### ■ Stainless Steel

- Coils
- Sheets and Plates
- Checkered Sheets and Plates
- Sanitary Tubes
- Welded Rounded Tubes
- Oval Tubes
- Round Bars
- Square Tubes
- Rectangular Tubes

### ■ Glass

- Tempered Glass
- Insulating/Double Glazing Glass
- Laminated/Sandwich Glass
- Coated Glass
- Single Layer Fire Proof Glass
- Bathroom/Furniture Glass
- Low-E Glass

AUREA





**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES



• Multi-step elevated high sill design with drainage hole against water leakage.



## A Quality window must possess following features:

- Water Proofing > Use Higher Sill
- Sound insulated > A good glazing / EPDM Rubber Performance
- Thermal Insulated > Double Glaze Glass
- Silence in sliding > Quality Sliding Roller
- Combination of Durable Hardware > Longlasting performance
- Quality Aluminum Section > (Anti-corrosive & Discoloration)
- Safety Purposes > Use Tempered Glass



## POWDER COATING

### NEW MORE COLORS!



### FEATURES:

- ✓ Greater coverage area per application
- ✓ Good UV protection
- ✓ Scratch-resistant
- ✓ Resistant to various household chemicals
- ✓ Easy to clean
- ✓ Uniform finish

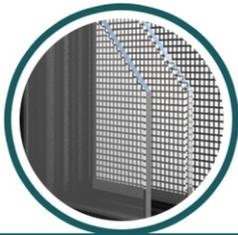
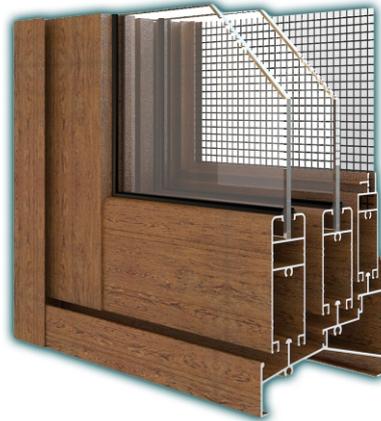
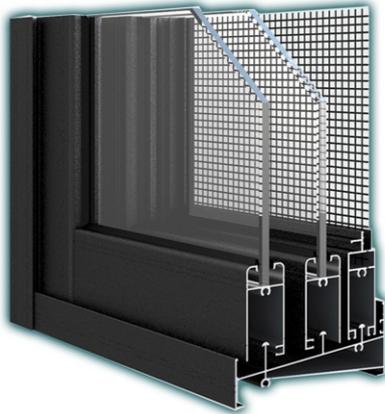
Our company is providing a very high level of service, from abressive blasting, chemical pre-treatment to powder coating of aluminum profiles and doors to a large array of regular commercial and domestic clientele (offering a fast turnaround for urgent orders).



**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

# NEW 798 & 900 3 TRACKS SLIDING SERIES



**HARD MESH SCREEN  
FOR LIFE TIME USE**

## NEW FEATURES



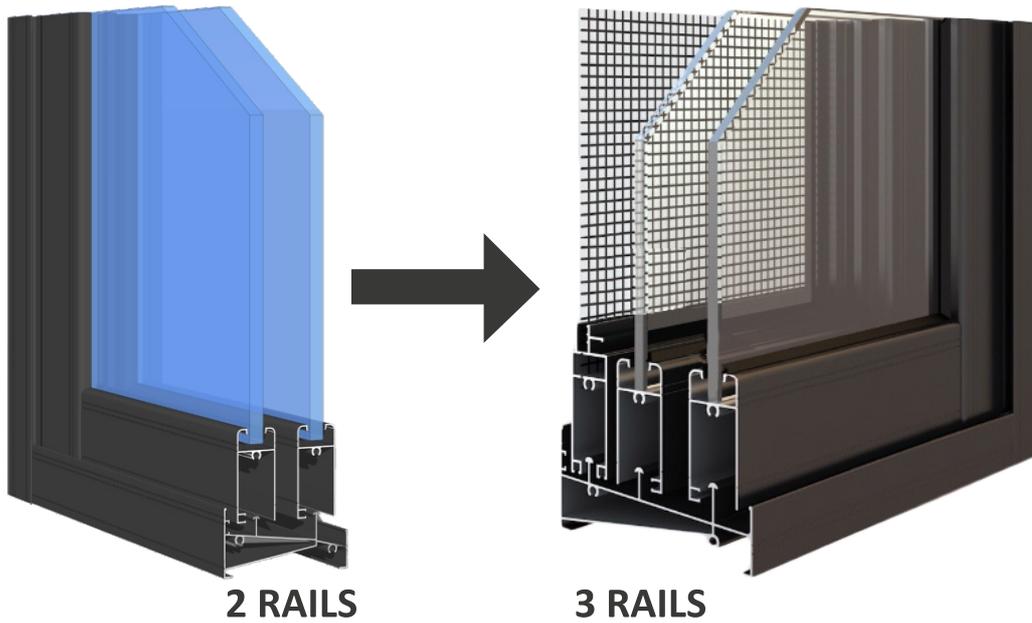
**SCREEN EMBEDDED  
IN SLIDING TRACK  
WITH INDIVIDUAL  
ROLLER FOR  
SMOOTHER SLIDE**

Our company uses aluminum to build windows in order to provide a virtually maintenance-free exterior that can resist the elements. Light yet strong aluminum windows can be created in a wide range of combinations.

The narrowness of the aluminum frame shifts the focus on the glass and subsequently, the view it offers. Our company provides you with aluminum windows that have baked-on or anodized finishes to make the colors pop and last for a long time.

**AUREA** The mechanically joined and sealed corners of the aluminum windows stay square and true even after years of use.





## 798 SERIES (1.0mm)

*Sliding Windows (Classic Series)*

### Characteristics & Advantages

#### Innovative Design

- Multi-step elevated sill design with drainage hole against water leakage.
- Connect with double header, fixed transom without using tubular and snap-on base cover.
- Delicate insect screen easy to install and detach for cleaning and repair purpose
- Top and bottom plastic guides smooth and quite sliding motion.
- Added the sound-insulated dense strip design, to assure perfect sound proofing against sudden impact.
- No use of open back installation.

#### Less Assembly Time

- Use of puncher machine for less time consuming (heavy duty machine, manual process)

#### Price Competitive

- The price is the same compare to old traditional section but with lesser assembly time.

#### Less Inventory

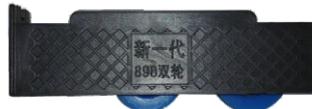
- Top-rail and bottom-rail are the same.
- Double head, sill and jamb is adaptable whether with screen or without screen.
- Only 6 section is needed to fabricate a window.

## PROFILE Accessories

PH Standard 1.0mm thickness



798 blue panel roller single



798 blue panel roller double



NEW Autolock



798 panel roller single



798 panel roller w/ bearing



new screen guide top/bottom



908 Center Lock



798 double roller heavy duty



new screen roller



screen guide top/bottom



907 Center Lock



798 jamb rubber



metal screen roller



798 plastic guide 4 kinds



screen bracket

AUREA



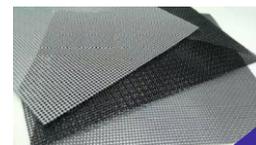
screen vinyl/ bundle



top/bottom mohair



Mohair

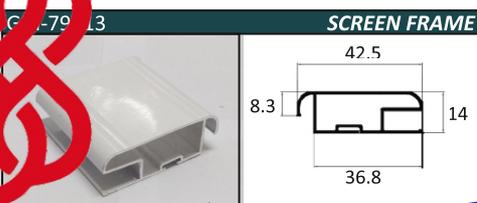
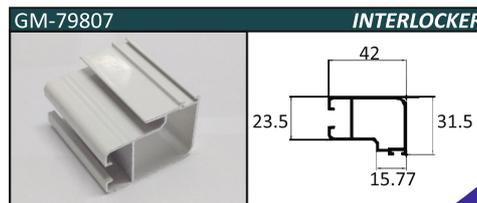
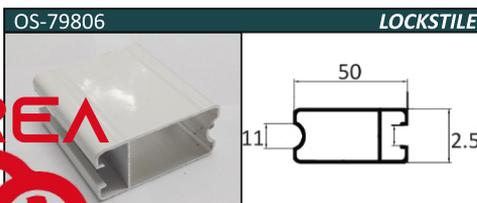
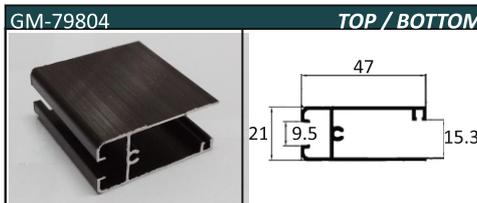
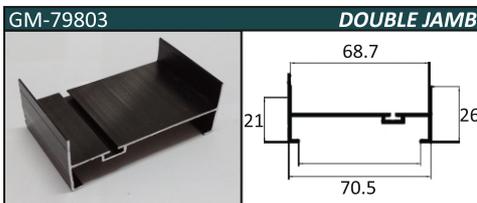
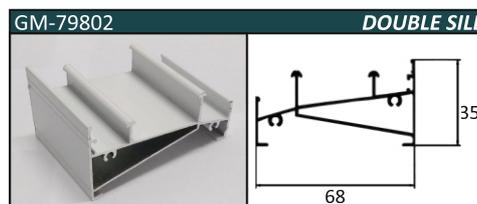
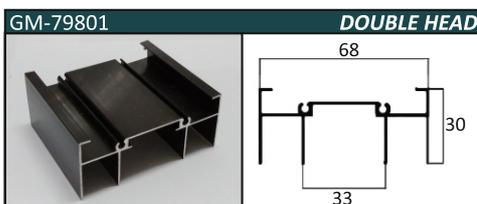
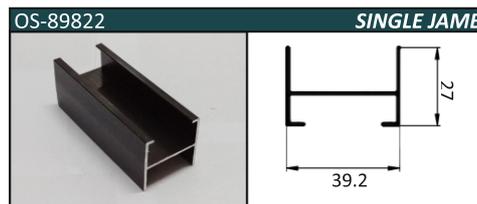
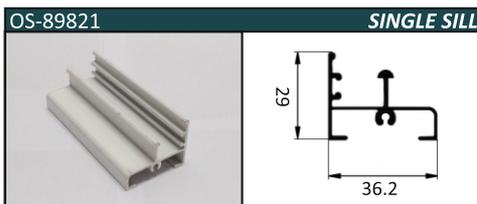
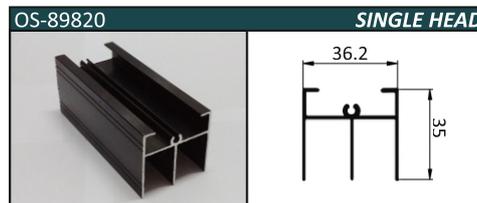
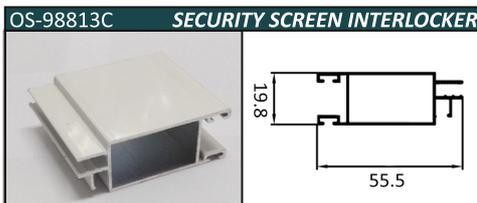
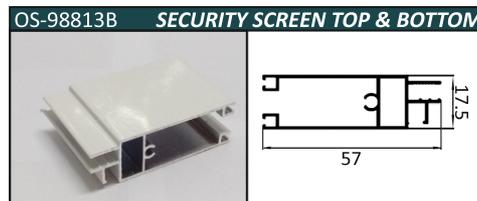
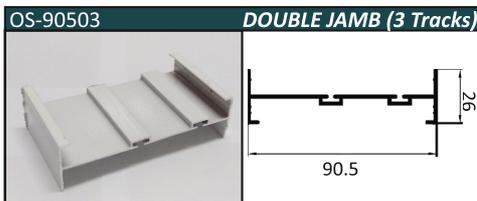
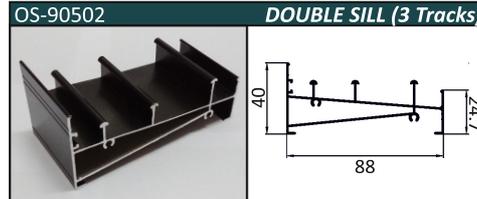
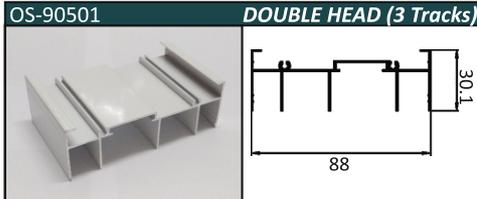


Hardmesh



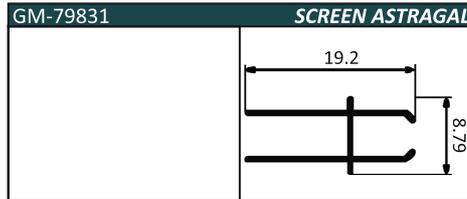
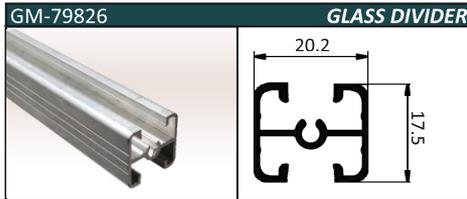
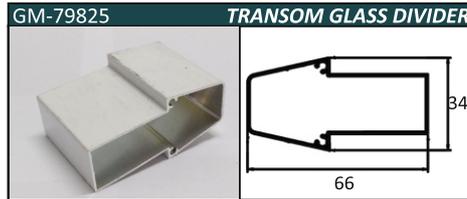
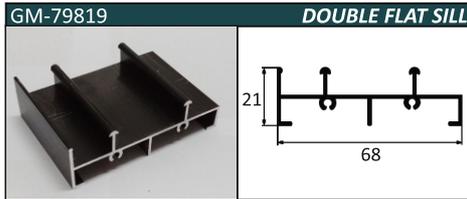
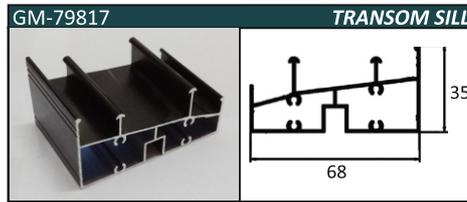
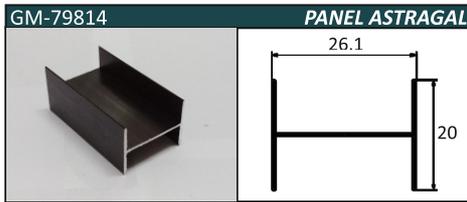
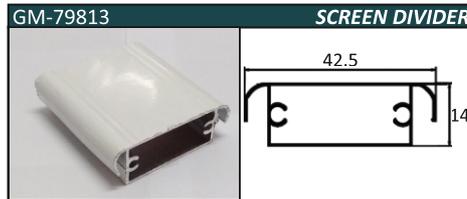
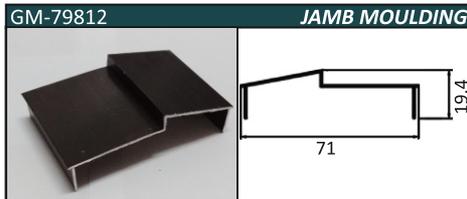
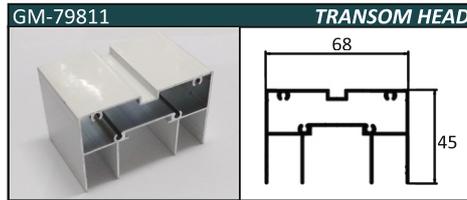
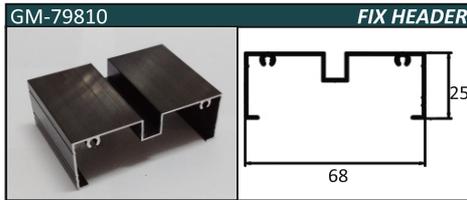
## 798 PROFILES Sliding Window

### PH Standard 1.0mm thickness

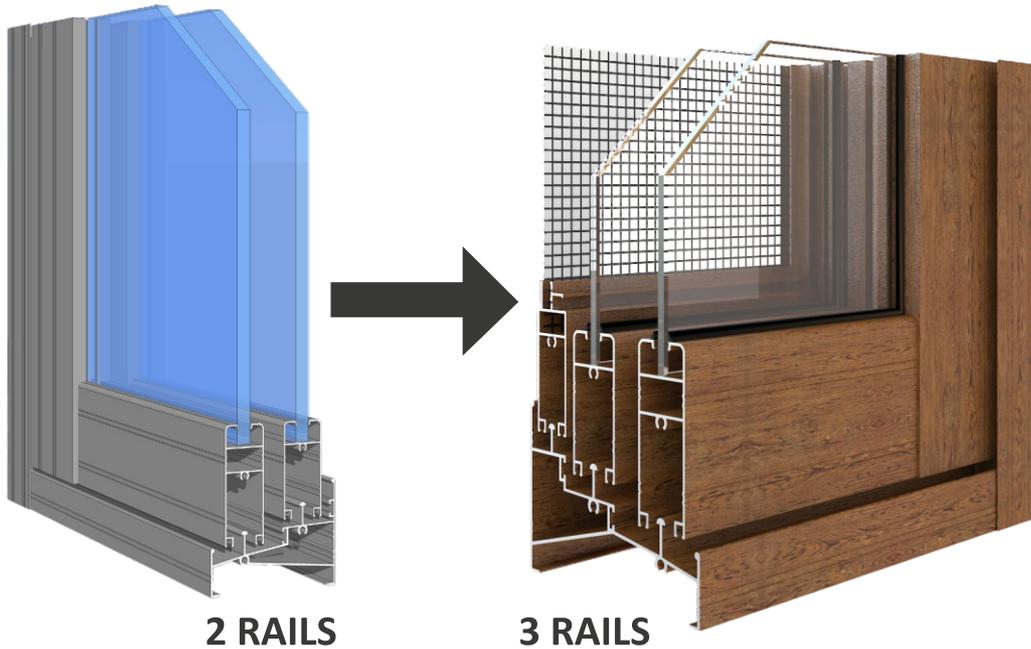


## 798 PROFILES Sliding Window

### PH Standard 1.0mm thickness



PH Standard 1.0mm thickness



## 900 SERIES (1.2mm)

*Sliding Windows and Doors (Designer Series)*

### Characteristics & Advantages

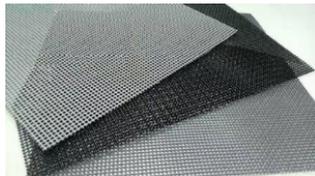
- Applicable for windows and doors
- Bigger version of 798 Profile
- Bigger and studier rollers for bigger panels
- Thicker Aluminum
- Improved security
- Integrated insects screens
- Easy to clean and maintain
- Wide range of colours to suit your interior and exterior designs
- Window glazing for improved energy efficiency
- Top and Bottom plastic guides smooth & quiet sliding motion
- Improved side rail against sudden impact
- Improved double sill-sloping design to assure water flow

## 900 PROFILE Accessories

PH Standard 1.0mm thickness



900 SERIES PUNCHER



Hardmesh



new screen roller



new screen guide  
top/bottom



900 Panel Roller  
(Single)



900 Blue Nylon  
Roller (Single)



900 Blue Nylon  
Roller (Double)



904 Big Center  
Lock Left/Right



900 Jamb Rubber



900 Plastic Guide  
4 Kinds

AUREA



Double Jamb  
Gasket



Durable Flashlock  
w/key

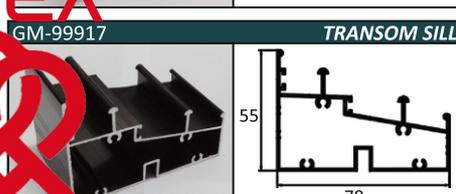
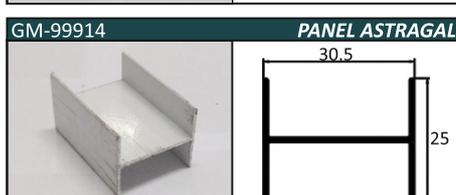
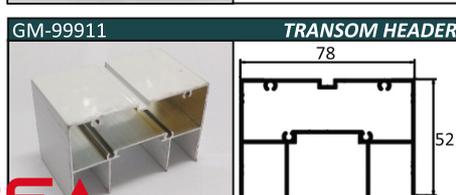
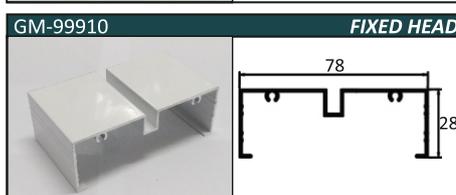
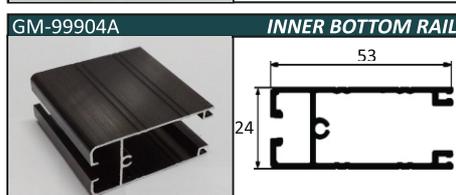
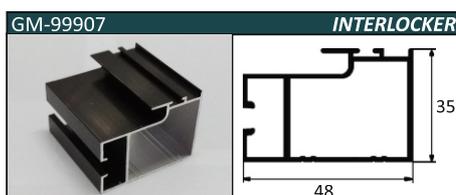
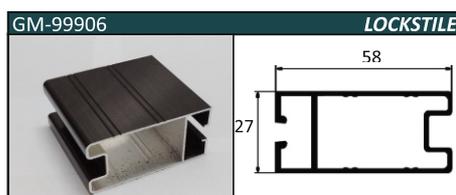
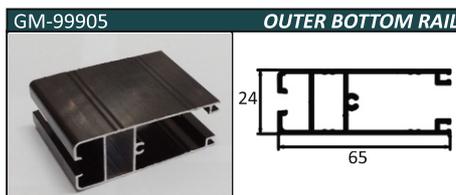
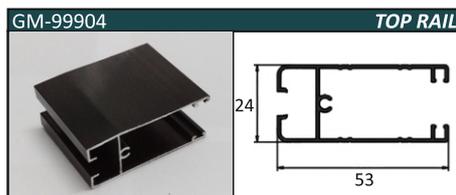
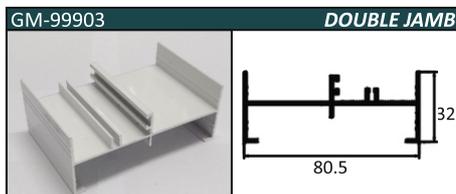
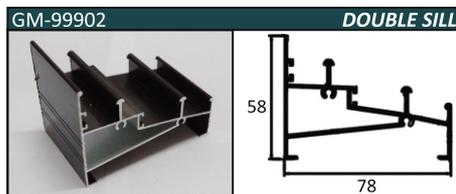
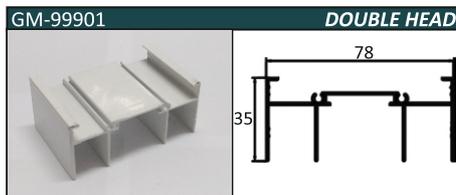
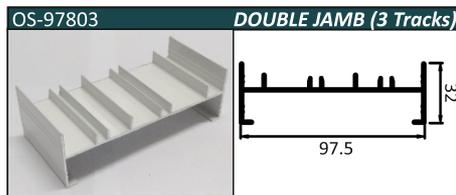
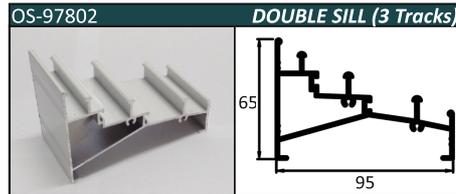
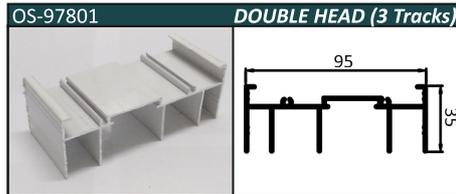


Metal Mesh



## 900 PROFILES Sliding Window

### PH Standard 1.0mm thickness





# LANDSEAAIR

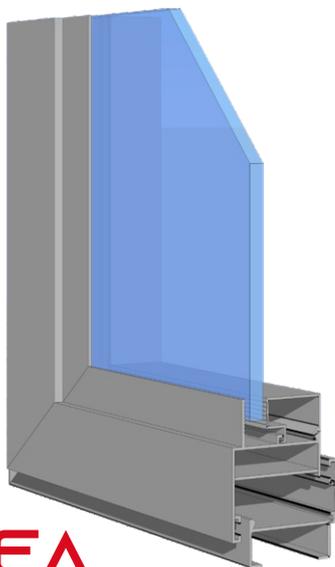
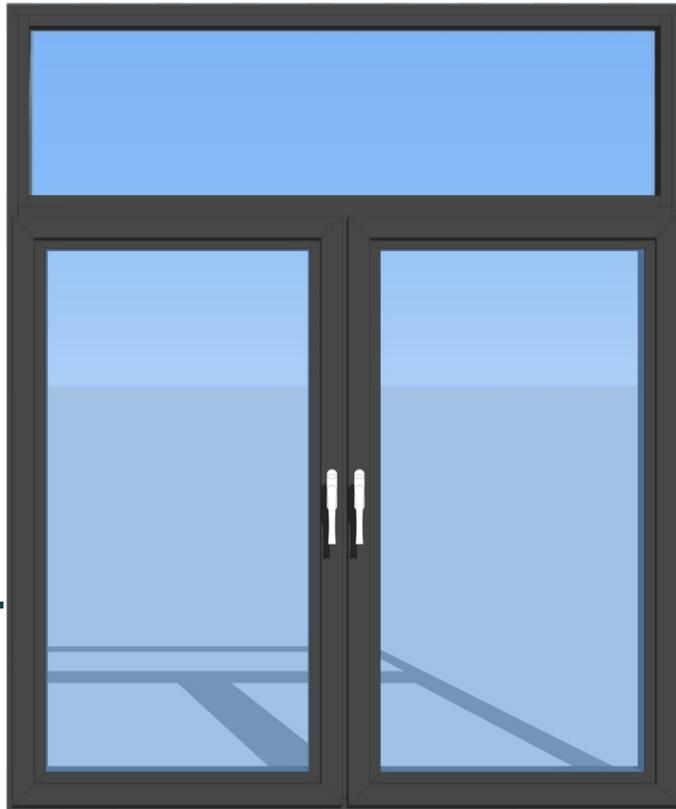
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

PH Standard 1.0mm thickness

## 38 SERIES (1.0mm)

Casement & Awning Window  
(Classic Series)



### Characteristics & Advantages

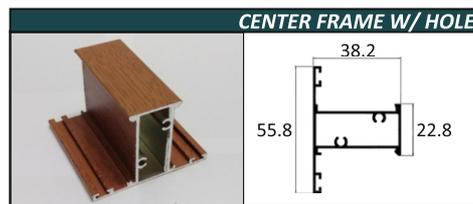
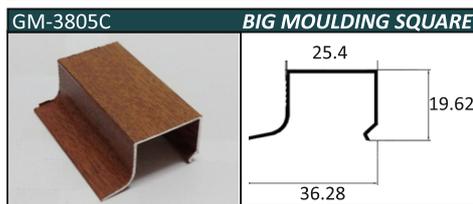
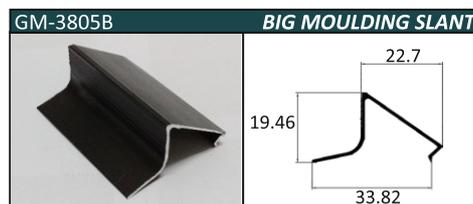
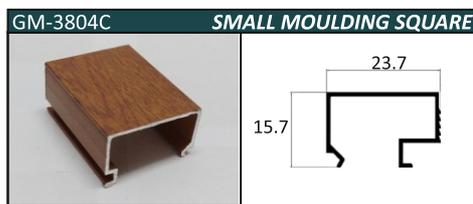
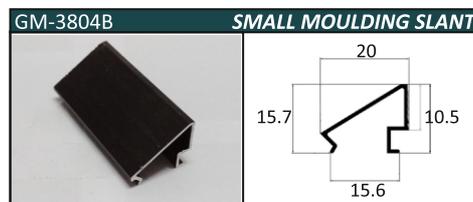
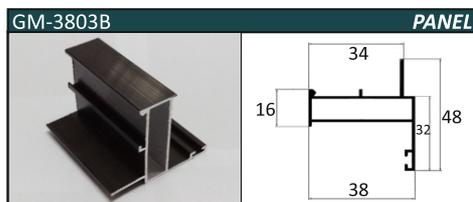
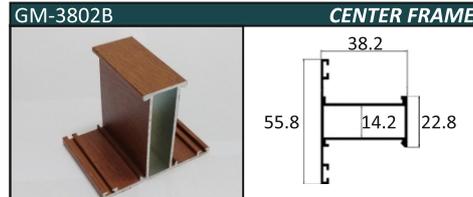
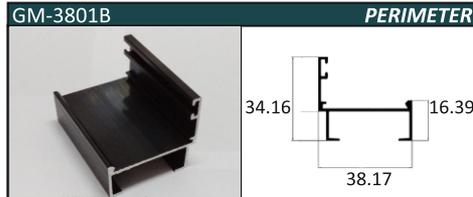
- It has 1.0mm thickness and be fitted in all kinds of residential and commercial establishment.
- More budget wise than 50 series
- Partner of 798 Series sliding window

AUREA



## 38 PROFILES Casement & Awning Window

PH Standard 1.0mm thickness



## Accessories



428B Camhandle



368B Camhandle



378A Camhandle



YC 38 Bubble Vinyl



Forebar Center/Side Open (8", 10", 12", 14") 202 & 304 stainless steel



802 Durable Camhandle (right/left)

AUREA





# LANDSEAAIR

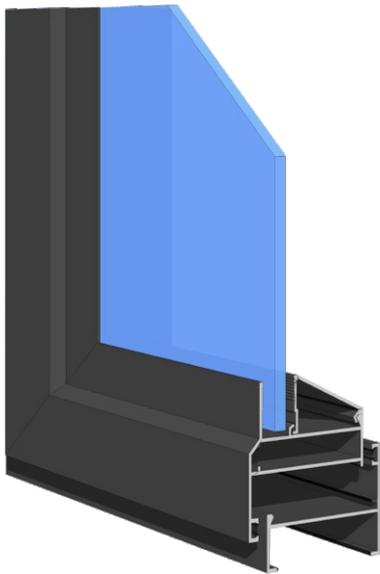
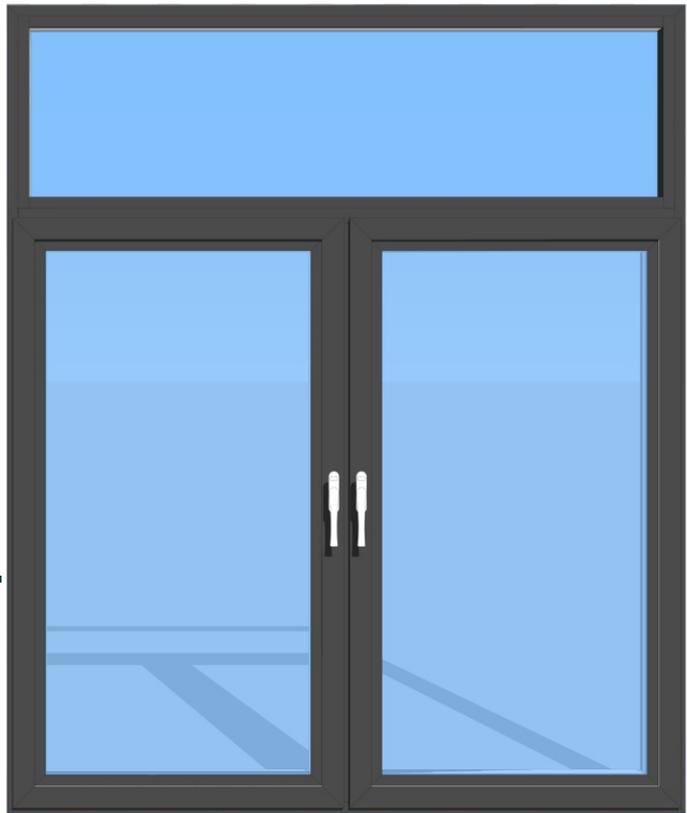
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

PH Standard 1.0mm thickness

## 50 SERIES (1.2mm)

Casement & Awning Window  
(Commercial Series)



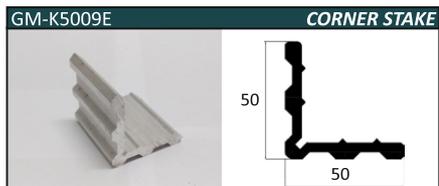
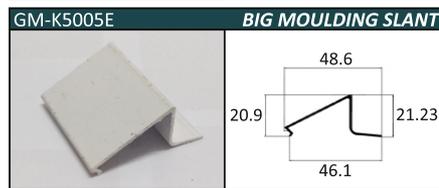
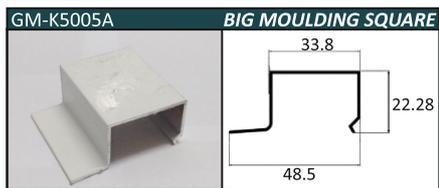
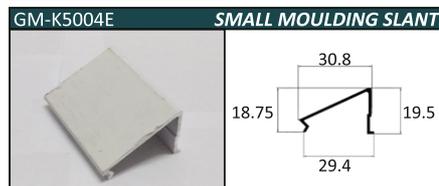
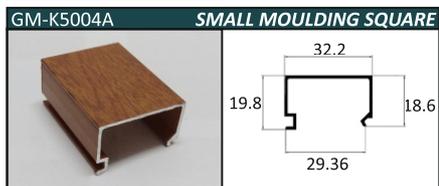
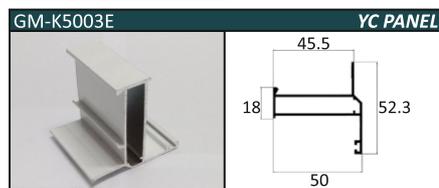
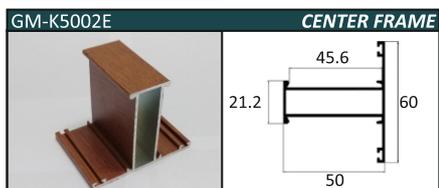
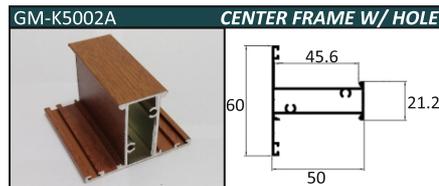
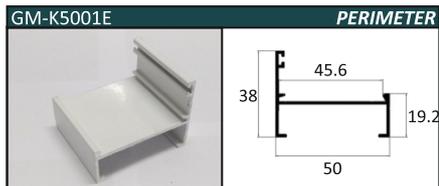
### Application

Widely used in residential properties like condominiums, bungalows or villas, schools, hospitals and commercial settings like factories and business buildings. It's adherence to functional and performance requirements to international standards, wide range of applications and cost efficiency makes it an ideal choice in new construction, replacement and remodeling projects.



## 50 PROFILES Casement & Awning Window

PH Standard 1.0mm thickness



## Accessories



YC 50 Bubble Vinyl



Forebar Center/Side Open (10", 12", 14")  
202 & 304 stainless steel



802 Durable Camhandle (right/left)

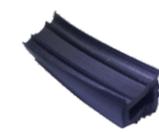


378A Camhandle

AUREA



019 Multi-Lock Handle w/rod (400mm, 600mm, 800mm, 1000mm)



YC 50 Rubber Glazing/Square Mould



368B Camhandle



428B Camhandle





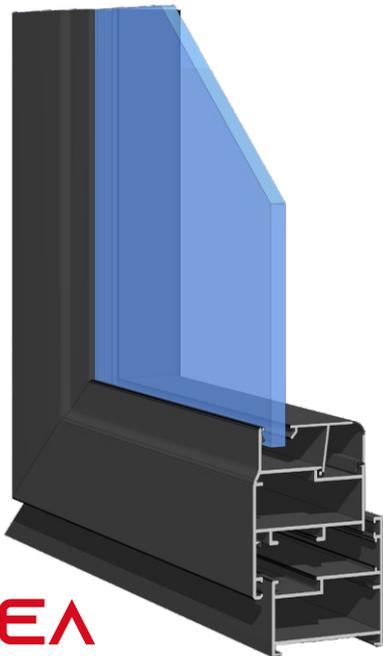
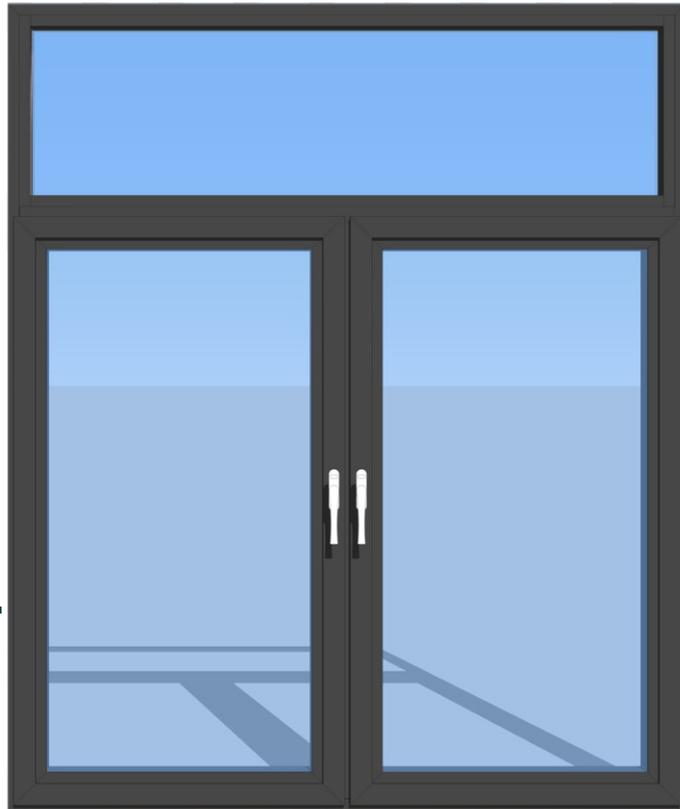
# LANDSEAAIR

TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

PH Standard 1.0mm thickness

**45 Profile (1.4mm)**  
*Highrise Casement Window  
& Swing Door*  
*(Office & Balcony Design)*



## Characteristics & Advantages

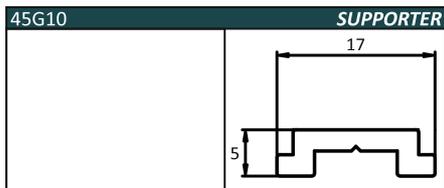
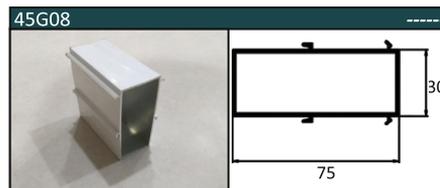
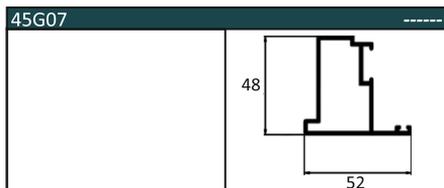
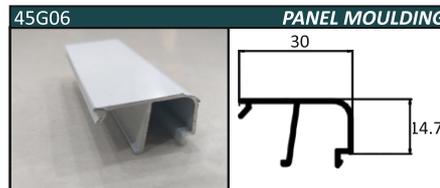
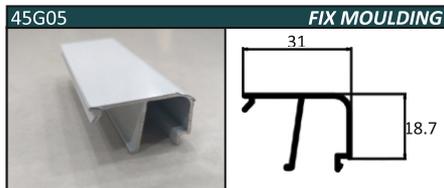
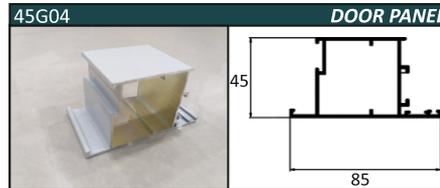
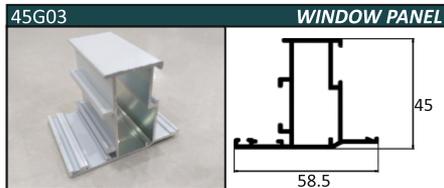
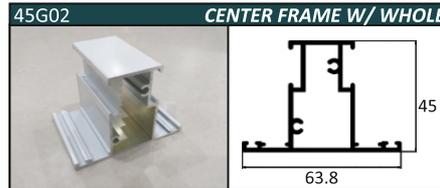
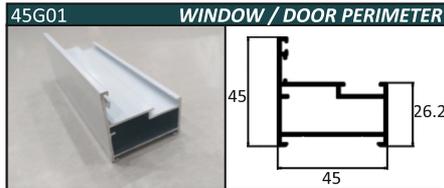
- Our swing door that can be used in a high-rise residential building.
- It has 1.4 mm thickness that assures the best durable swing door for your home.
- Modern design swing door for your office.
- Also available in processed glass up to 10mm.

AUREA



## 45 PROFILES Swing door series

PH Standard 1.0mm thickness



### Accessories



Door handle white



Door handle black



Aluminum Door Hinges



Fore bar 304 (10", 12", 14", 16")





# LANDSEAAIR

TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

PH Standard 1.0mm thickness



## 75 SERIES

*Swing Door and Office Partition*

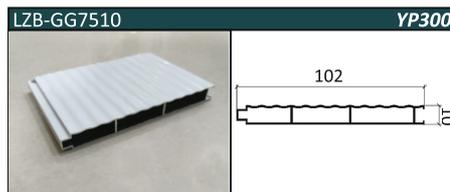
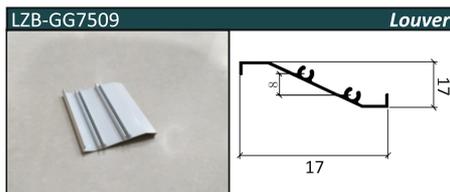
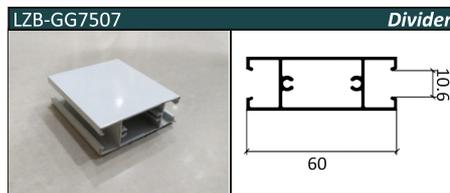
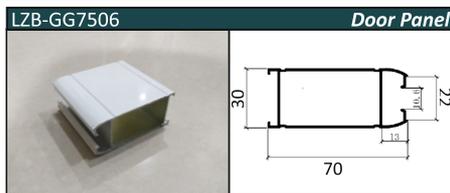
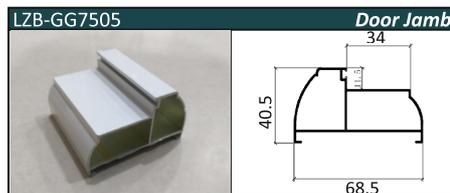
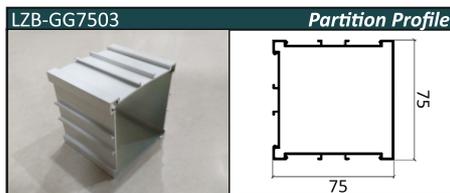
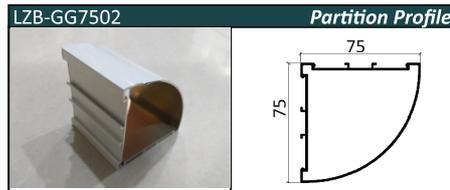
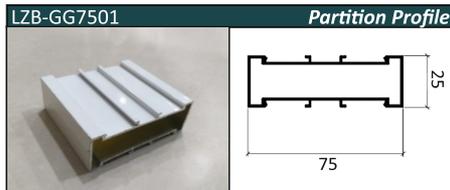


AUREA



## 75 PROFILES Swing Door

### PH Standard 1.0mm thickness



## Accessories



Door handle

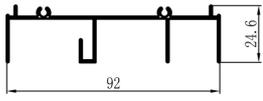
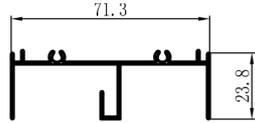
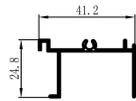
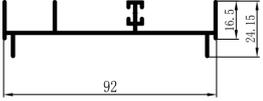
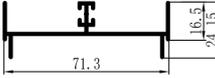
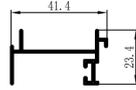
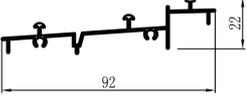
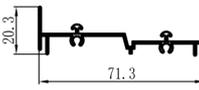
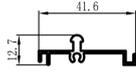
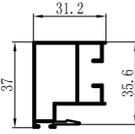
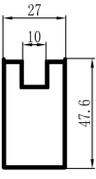
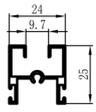
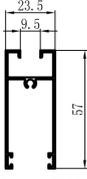
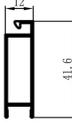
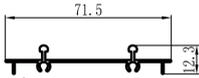
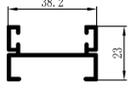
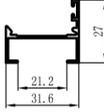


Bracket



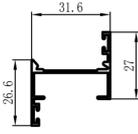
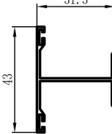
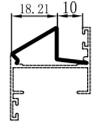
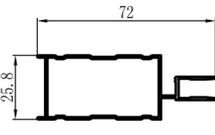
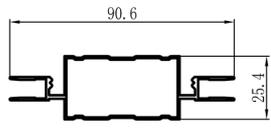
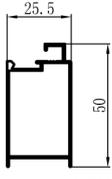
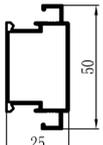
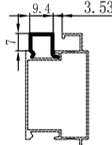
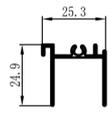
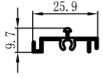
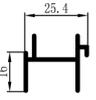
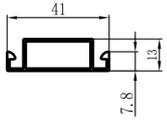
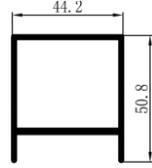
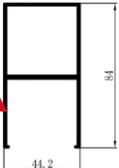
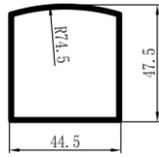
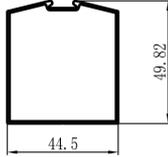
## TRADITIONAL PROFILES

PH Standard 1.0mm thickness

 <p>(GM-LGY01) <i>Double Head with Screen</i></p>	 <p>(GM-LGY02) <i>Double Head</i></p>	 <p>(GM-LGY03) <i>Single Head</i></p>
 <p>(GM-LGY04) <i>Double Jamb w/ Screen</i></p>	 <p>(GM-LGY05) <i>Double Jamb</i></p>	 <p>(GM-LGY06) <i>Single Jamb</i></p>
 <p>(GM-LGY07) <i>Double Sill w/ Screen</i></p>	 <p>(GM-LGY08) <i>Double Sil</i></p>	 <p>(GM-LGY09) <i>Single Sill</i></p>
 <p>(GM-LGY10) <i>Interlocker</i></p>	 <p>(GM-LGY11) <i>Lockstile</i></p>	 <p>(GM-LGY12) <i>Top rail</i></p>
 <p>(GM-LGY13) <i>Bottom Rail</i></p>	 <p>(GM-LGY14) <i>Fixed Stile</i></p>	 <p>(GM-LGY15) <i>YS 221</i></p>
 <p>(GM-LGY16) <i>Double Flat Sill</i></p>	 <p>(GM-LGY17) <i>Panel Astragal</i></p>	 <p>(GM-LGY18) <i>Perimeter</i></p>

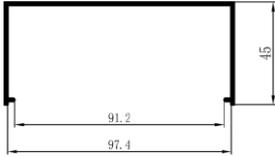
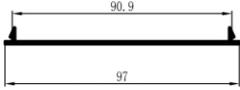
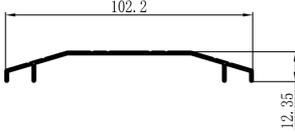
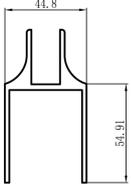
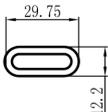
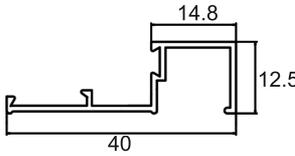
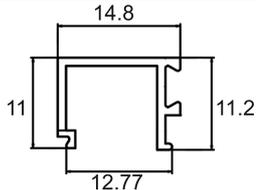
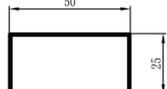
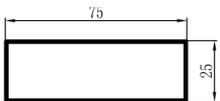
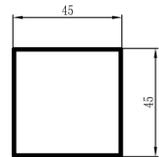
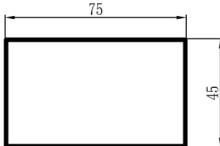
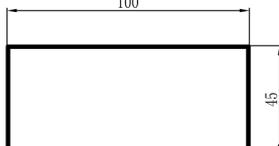
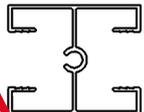
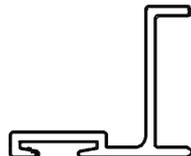
## TRADITIONAL PROFILES

PH Standard 1.0mm thickness

 <p>(GM-LGY19) <i>Panel</i></p>	 <p>(GM-LGY20) <i>Center Frame</i></p>	 <p>(GM-LGY21) <i>Moulding</i></p>
 <p>(GM-LGY22) <i>Amplemesh Single</i></p>	 <p>(GM-LGY23) <i>Amplemesh Double</i></p>	 <p>(GM-LGY24) <i>SF 101</i></p>
 <p>(GM-LGY25) <i>SF 106</i></p>	 <p>(GM-LGY26) <i>SF 102</i></p>	 <p>(GM-LGY27) <i>Screen Head</i></p>
 <p>(GM-LGY28) <i>Screen Sill</i></p>	 <p>(GM-LGY29) <i>Screen Jamb</i></p>	 <p>(GM-LGY30) <i>Screen Astragal</i></p>
 <p>(GM-LGY31) <i>Screen Divider</i></p>	 <p>(GM-LGY32) <i>ASW Screen Sill</i></p>	 <p>(GM-LGY33) <i>ED Top Rail</i></p>
 <p>(GM-LGY34) <i>ED Bottom Rail</i></p>	 <p>(GM-LGY35) <i>ED Bullnose Stile</i></p>	 <p>(GM-LGY36) <i>ED Stile w/ Groove</i></p>

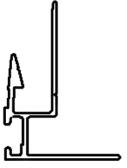
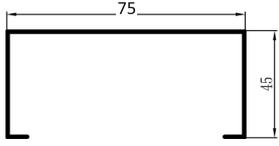
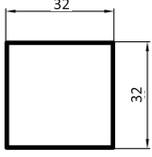
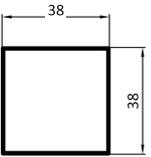
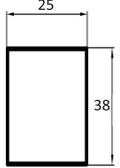
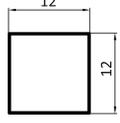
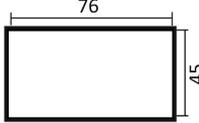
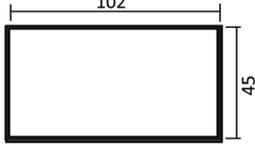
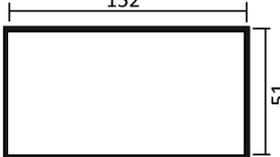
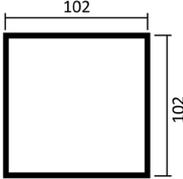
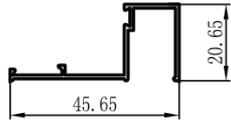
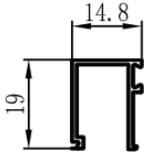
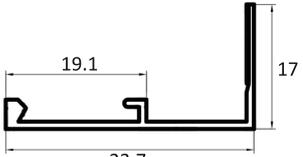
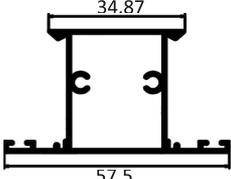
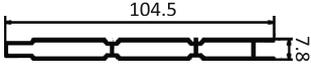
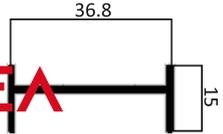
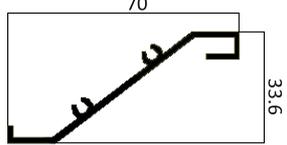
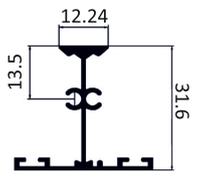
## TRADITIONAL PROFILES

PH Standard 1.0mm thickness

 <p>(GM-LGY37) <i>Split Tube Base</i></p>	 <p>(GM-LGY38) <i>Split Tube Cover</i></p>	 <p>(GM-LGY39) <i>Threshold</i></p>
 <p>(GM-LGY40) <i>FD 100 (2.0mm)</i></p>	 <p>(GM-LGY41) <i>Push Bar Handle</i></p>	 <p>(GM-LGY42) <i>Snap-on Base</i></p>
 <p>(GM-LGY43) <i>Snap-on Cover</i></p>	 <p>(GM-LGY44) <i>Tubular 1x1</i></p>	 <p>(GM-LGY45) <i>Tubular 1x2</i></p>
 <p>(GM-LGY46) <i>Tubular 1x3</i></p>	 <p>(GM-LGY47) <i>Tubular 1x4</i></p>	 <p>(GM-LGY48) <i>Tubular 1 3/4 x 1 3/4</i></p>
 <p>(GM-LGY49) <i>Tubular 1 3/4 x 3</i></p>	 <p>(GM-LGY50) <i>Tubular 1 3/4 x 4</i></p>	 <p>(GM-LGY51) <i>Open Back 1 3/4 x 4</i></p>
 <p>(GM-LGY55) <i>Glass Divider</i></p>	 <p>(GM-LGY56) <i>Bus Body</i></p>	 <p>(GM-LGY57) <i>Swing Screen Bumper</i></p>

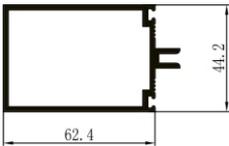
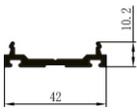
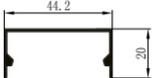
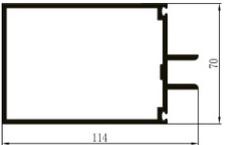
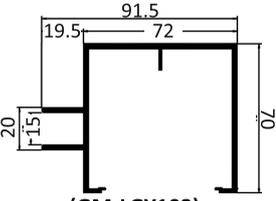
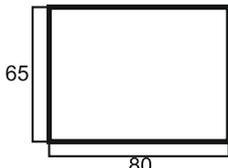
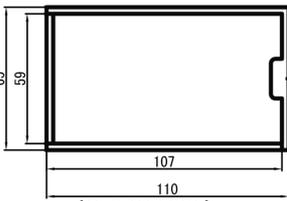
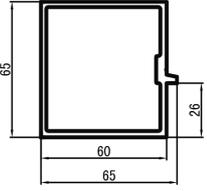
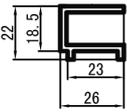
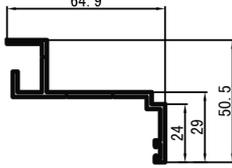
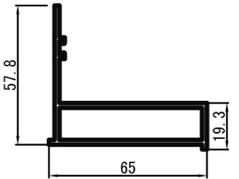
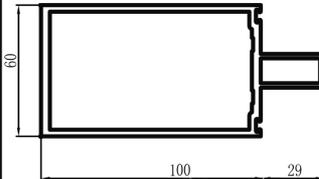
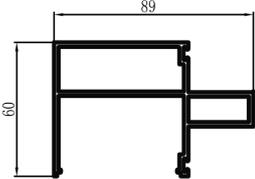
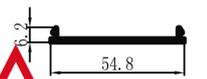
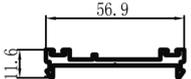
## TRADITIONAL PROFILES

PH Standard 1.0mm thickness

 <p>(GM-LGY58) <i>Fixed Interlocker</i></p>	 <p>(GM-LGY62) <i>Open Back 1 3/4 x 3</i></p>	 <p>(GM-F32x32) <i>Tubular 1 1/4 x 1 1/4</i></p>
 <p>(GM-F38x38) <i>Tubular 1 1/2 x 1 1/2</i></p>	 <p>(GM-F38x25) <i>Tubular 1 1/2 x 1</i></p>	 <p>(GM-) <i>Tubular 1/2 x 1/2</i></p>
 <p>(GM-F45x76) <i>Tubular 1 3/4 x 3 (2.0mm)</i></p>	 <p>(GM-F45x102) <i>Tubular 1 3/4 x 4 (2.0mm)</i></p>	 <p>(GM-F150x50) <i>Tubular 2 x 6 (2.0mm)</i></p>
 <p>(GM-F100x100) <i>Tubular 4 x 4 (2.0mm)</i></p>	 <p>(GM-LGY79) <i>Big SOB</i></p>	 <p>(GM-LGY80) <i>Big SOC</i></p>
 <p>(GM-YZ04) <i>Slant SOBC</i></p>	 <p>(GM-LGY72) <i>YC Mullion</i></p>	 <p>(GM-LGY96) <i>YP200</i></p>
 <p>(GM-BY01) <i>Louver Frame (1.4mm)</i></p>	 <p>(GM-BY02) <i>Louver Blade (1.4mm)</i></p>	 <p>(GM-LGY71) <i>Center Frame w/ hole</i></p>

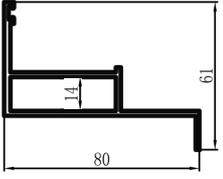
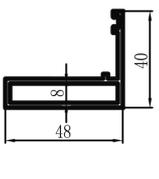
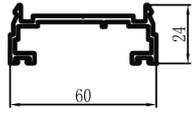
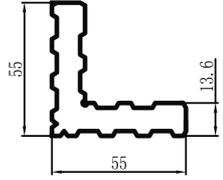
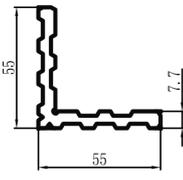
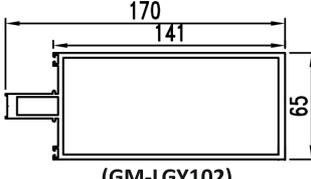
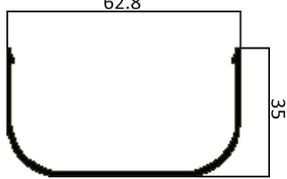
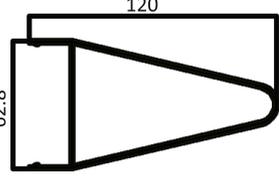
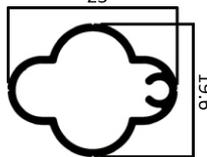
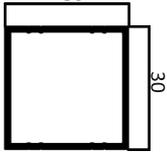
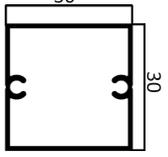
## MULLION SERIES

PH Standard 1.0mm thickness

 <p>(GM-LGY73) <i>Small Mullion</i></p>	 <p>(GM-LGY74) <i>Small Mullion (Base)</i></p>	 <p>(GM-LGY75) <i>Small Mullion (Cover)</i></p>
 <p>(GM-LGY76) <i>Big Mullion</i></p>	 <p>(GM-LGY77) <i>Big Mullion (Base)</i></p>	 <p>(GM-LGY78) <i>Big Mullion (Cover)</i></p>
 <p>(GM-LGY103) <i>Split Mullion</i></p>	 <p>(GM-F65x80) <i>Mini Seamless (2.0mm)</i></p>	 <p>(GM-Q11001) <i>110 seamless mullion (3.0mm)</i></p>
 <p>(GM-Q11003) <i>110 split seamless (2.5mm)</i></p>	 <p>(GM-Q11004) <i>(2.5mm)</i></p>	 <p>(GM-Q11007) <i>110 Mullion Perimeter (2.0mm)</i></p>
 <p>(GM-Q11008) <i>110 Mullion Panel (2.0mm)</i></p>	 <p>(GM-MQ13001) <i>130 Mullion (3.0mm)</i></p>	 <p>(GM-MQ13003) <i>130 Split Mullion (2.0mm)</i></p>
 <p>(GM-MQ13004) <i>130 Split Mullion Cover (1.6mm)</i></p>	 <p>(GM-MQ13005) <i>130 Mullion Base (2.5mm)</i></p>	 <p>(GM-MQ13006) <i>130 Mullion Cover (1.2mm)</i></p>

## MULLION SERIES

PH Standard 1.0mm thickness

 <p>(GM-MQ13007) <i>130 Mullion Perimeter (2.0mm)</i></p>	 <p>(GM-MQ13008) <i>130 Mullion Panel (2.0mm)</i></p>	 <p>(GM-MQ13012) <i>Single Glaze Adaptor (2.0mm)</i></p>
 <p>(GM-MQ13031) <i>Perimeter Bracket</i></p>	 <p>(GM-MQ13030) <i>Panel Bracket</i></p>	 <p>(GM-LGY102) <i>170 Mullion</i></p>
 <p>(GM-MQ14006) <i>Mullion Cover</i></p>	 <p>(GM-MQ14009) <i>Mullion Cover</i></p>	
<b>GRILL DESIGNS</b>		
 <p>(GM-FD001) <i>Flower Tube</i></p>	 <p>(GM-FD002) <i>Tubular Frame</i></p>	 <p>(GM-FD009) <i>Tubular Divider</i></p>
<b>SECONDARY SECTIONS</b>		
 <p>1/2 x 1/2      1/2 x 2 1/2 x 1        1/2 x 3 1/2 x 1-1/2    1/2 x 4</p> <p><i>Counter Trim</i></p>	 <p>1/2 x 1/2      1 x 1 1/2 x 1        1-1/2 x 1-1/2 3/4 x 3/4      2 x 2 3/4 x 1</p> <p><i>Angular</i></p>	 <p>1/2 x 1/2 3/4 x 3/4 1/2 x 3/4</p> <p><i>U-Channel</i></p>
 <p>1/8" 1/2"            3/4" 1"</p> <p><i>Round Tube</i></p>	 <p>1/2" 1/4"</p> <p><i>J-Clip</i></p>	 <p>1/8 x 1-1/2    1/8 x 3/4 1/8 x 1        1/8 x 1/2</p> <p><i>Flat Bars</i></p>

## TRADITIONAL SERIES Accessories

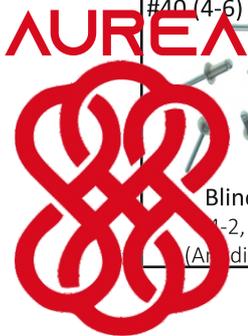
PH Standard 1.0mm thickness

<p>#01</p>  <p>SD Roller Matex</p>	<p>#02</p>  <p>SD Roller with bearing</p>	<p>#03</p>  <p>Screen Roller 221</p>	<p>#04</p>  <p>Screen tension roller</p>
<p>#05</p>  <p>Steel roller single</p>	<p>#06</p>  <p>SD roller black single</p>	<p>#07</p>  <p>SD roller black double</p>	<p>#08</p>  <p>SD Roller double</p>
<p>#09</p>  <p>HT roller</p>	<p>#10</p>  <p>ASW mini roller</p>	<p>#11</p>  <p>Topside</p>	<p>#12</p>  <p>Bended Handle</p>
<p>#13 #14</p>  <p>Corner bracket (Aluminum, Plastic)</p>	<p>#15</p>  <p>Flushlock #12-13</p>	<p>#16</p>  <p>Flushlock #12 Alum / Zinc</p>	<p>#17</p>  <p>Flushlock #11</p>
<p>#18</p>  <p>Autolock</p>	<p>#19</p>  <p>Flushlock #10</p>	<p>#20</p>  <p>Durable flushlock</p>	<p>#21</p> 

## TRADITIONAL SERIES Accessories

PH Standard 1.0mm thickness

<p>#22</p>  <p>Flushbolt</p>	<p>#23</p>  <p>New flushlock</p>	<p>#24</p>  <p>Pneumatic Door Closer</p>	<p>#25</p>  <p>Arm-Type Door Closer</p>
<p>#26</p>  <p>Samson Handle</p>	<p>#27</p>  <p>Alpha lock</p>	<p>#28</p>  <p>Bus Balancer</p>	<p>#29</p>  <p>Magnetic Single</p>
<p>#30</p>  <p>Magnetic Double</p>	<p>#31</p>  <p>Spline roller</p>	<p>#32</p>  <p>K-star glass cutter</p>	<p>#33</p>  <p>Plastic Cap</p>
<p>#34</p>  <p>Screen Handle (White/Black)</p>	<p>#35</p>  <p>Steel Hinge</p>	<p>#36</p>  <p>New alum-hinge (Screen door)</p>	<p>#37</p>  <p>Barrel bolt</p>
<p>#38 (4-2) #39 (4-4) #40 (4-6)</p>  <p>Blind Rivets (1-2, 4-4, 4-6) (Anodize/Analok)</p>	<p>#41</p>  <p>FD Cover</p>	<p>#42</p>  <p>Grinding stone</p>	<p>#43 (5) #44 (8)</p> 



## TRADITIONAL SERIES Accessories

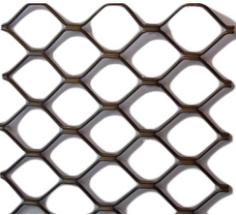
### PH Standard 1.0mm thickness

<p>#45 - 1" #46 - 1 1/2"</p>  <p>Screw Cap 1" &amp; 1 1/2"</p>	<p>#47</p>  <p>Metal Screw (6x1/2, 6x3/4, 6x1, 8x1/2, 8x3/4, 8x1, 8x1-1/2, 8x2) (Anodize/Analok)</p>	<p>#48</p>  <p>Half moon lock</p>	<p>#49 - 814 BR #50 - 814 BL #51 - 814 WR #52 - 814 WL</p>  <p>YC Cam handle</p>
<p>#53</p>  <p>Luxury Handle</p>	<p>#54</p>  <p>907 center lock</p>	<p>#55</p>  <p>805 cam handle</p>	<p>#56</p>  <p>018 multi lock</p>
<p>#57</p>  <p>Center lock</p>	<p>#58</p>  <p>Push Bar bracket</p>	<p>#59</p>  <p>Glass Socket</p>	<p>#60</p>  <p>H-Type Handle (60cm,100cm,120cm, 150cm,180cm,200cm)</p>
<p>#61</p>  <p>Sealant Gun</p>	<p>#62</p>  <p>Silicon Structural Weatherproofing Sealant</p>	<p>#63</p>  <p>Mirror Mastic</p>	<p>#64 #65</p>  <p>Dow corning GP/RED</p>
<p>#66</p>  <p>DERFOE Glass Sealant 100% Silicone polymer from U.S.A Dow Corning Door &amp; Windows Installation Silicone Glazing Building Sealant ACETIC Door &amp; Windows Installation REV.3/88ml</p>	<p>#67</p>  <p>DERFOE GP Sealant General Purpose 100% Silicone polymer from U.S.A Dow Corning NET-280ml ACETIC Door &amp; Windows Installation Silicone Glazing Building Sealant</p>	<p>#68</p>  <p>Jalouplus</p>	<p>#69</p>  <p>Drill Bit (2.5, 3, 3.2)</p>



## TRADITIONAL SERIES Accessories

### PH Standard 1.0mm thickness

<p>#70</p>  <p>Channel Glazing</p>	<p>#71</p>  <p>YC Vinyl</p>	<p>#72 (36) #73 (48)</p>  <p>Expanded Wire (36"/48")(Length: 60ft)</p>	<p>#74 (3x12) #75 (3x14)</p>  <p>Amplimesh (3x14, 3x12)</p>
<p>#76</p>  <p>Stucco 3x9</p>	<p>#77 (36) #78 (48)</p>  <p>Alum Screen Mesh (36"/48")(Length: 100ft)</p>	<p>#79</p>  <p>SD Mohair 500m</p>	<p>#80</p>  <p>ED Mohair 200m</p>
<p>#81</p>  <p>Plastic clip</p>	<p>#82</p>  <p>Plastic cork</p>	<p>#83</p>  <p>Plastic rod</p>	<p>#84</p>  <p>Upper guide</p>
<p>#85</p>  <p>Plastic roller</p>	<p>#86 (50) #87 (38)</p>  <p>Corner stake (50/38)</p>	<p>#88</p>  <p>Overhead Door Closer</p>	<p>#89</p>  <p>Floor Hinge N818 (115kg)</p>
<p>#90</p>  <p>Floor Hinge 220 (100kg)</p>	<p>#91</p>  <p>(304) Top Patch</p>	<p>#92</p>  <p>(304) Bottom Patch</p>	<p>#93</p> 





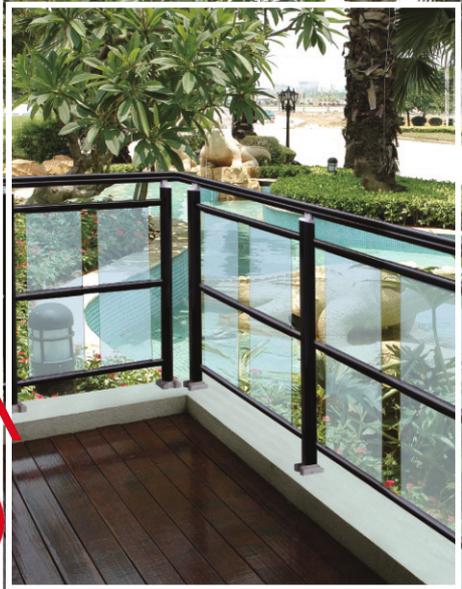
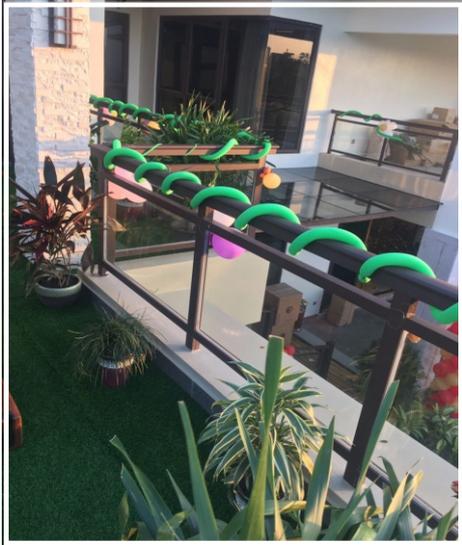
**LANDSEAAIR**  
TDL ECONSTRCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

The All-new

# Alu-rail Series

- Anti-Rust
- Variety of Design
- Easy Fabricate / Install
- Everlasting Durable

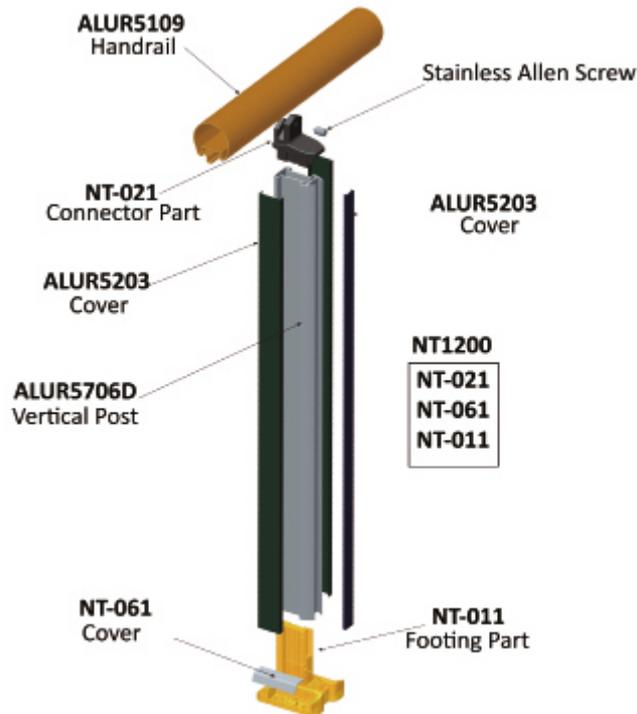
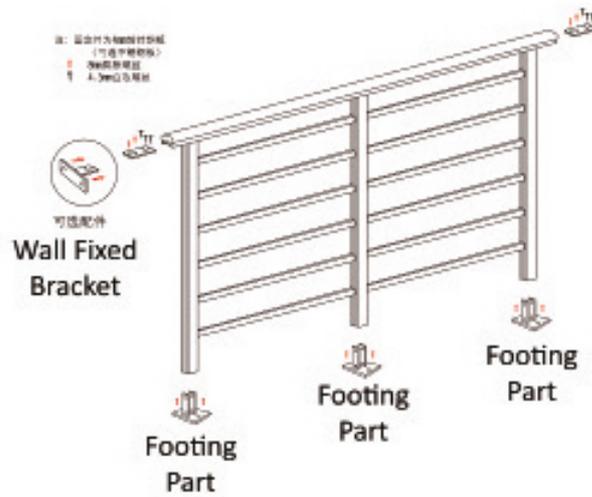
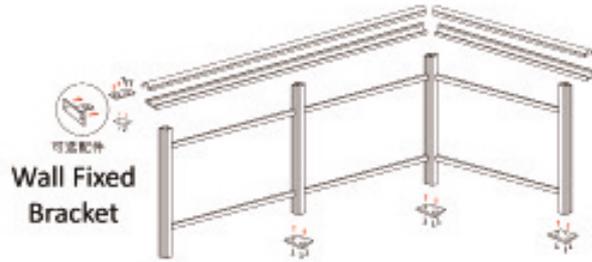




# LANDSEAAIR

TDL ECONSTRCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

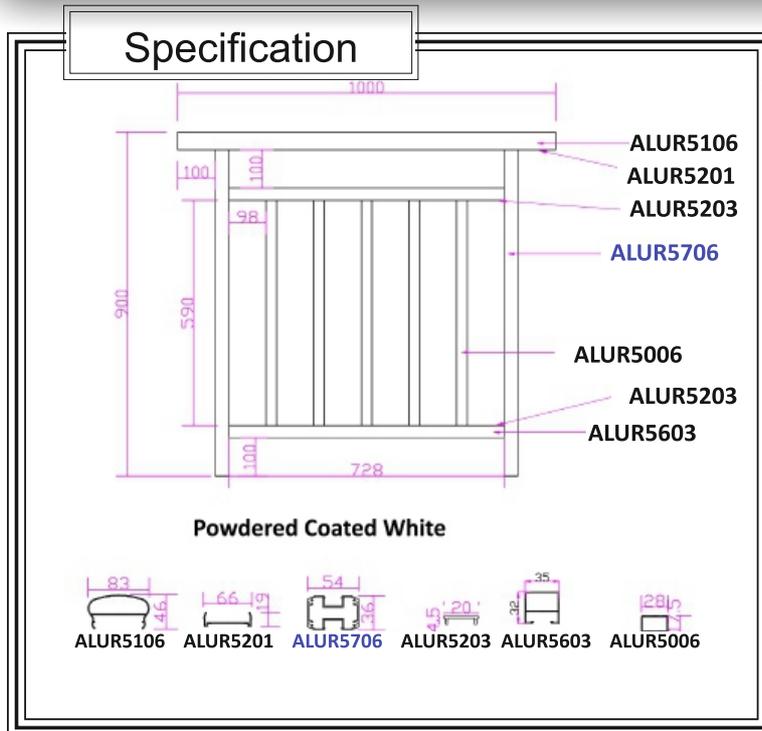




**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

## The All-new Aluminum Railing

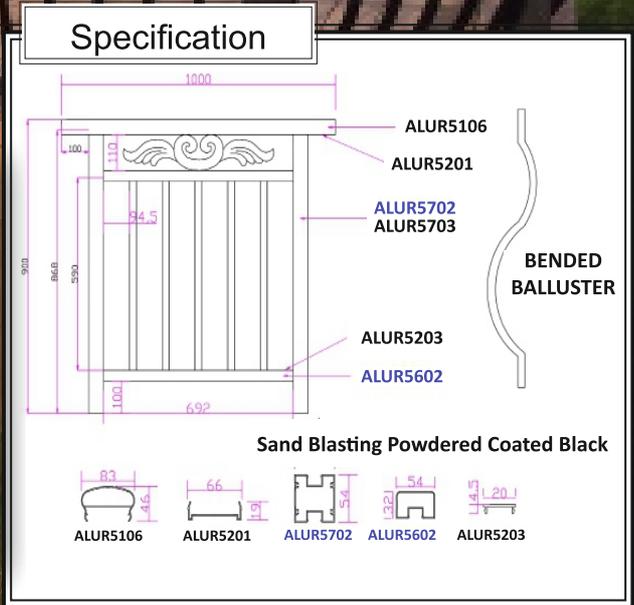




**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

The All-new  
**Aluminum Railing**



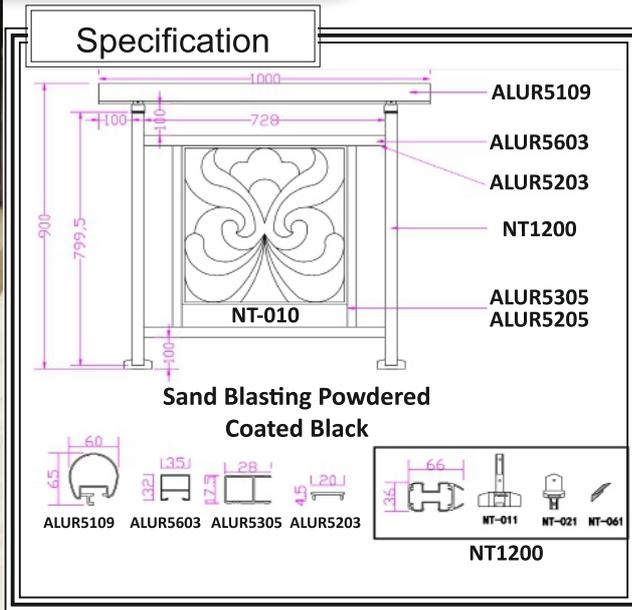
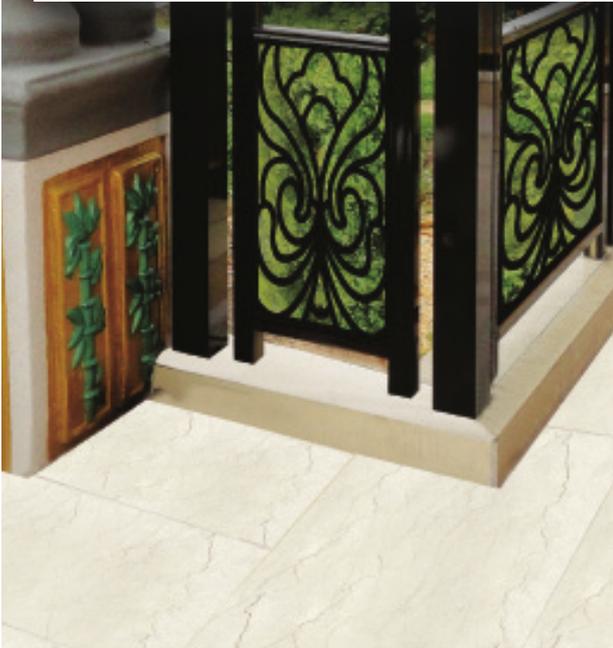


# LANDSEAAIR

TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

## The All-new Aluminum Railing



AUREA

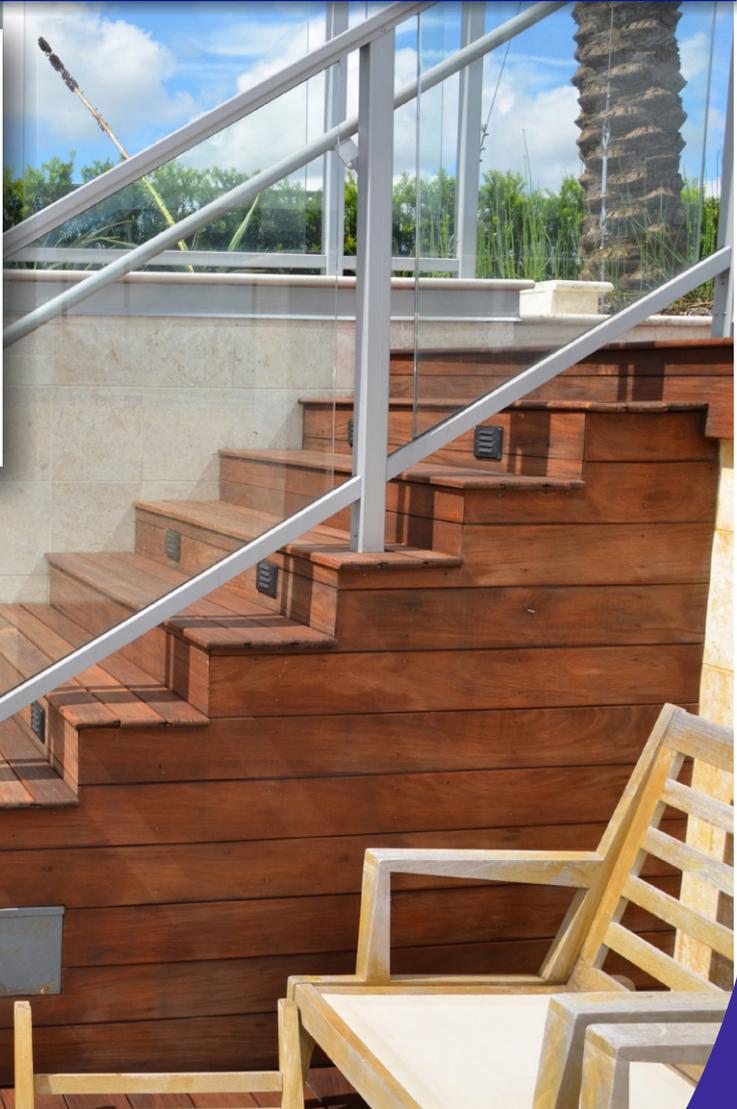




**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

The All-new  
**Aluminum Railing**



**Specification**

**ALUR5109**  
**ALUR5603**  
**ALUR5203**  
**NT1200**  
 6mm-12mm Tempered Glass  
 Sand Blasting Powdered Coated Black

ALUR5109 ALUR5603 ALUR5203 NT1200





# LANDSEAAIR

TDL ECONSTRUCTIONS VENTURES CORP

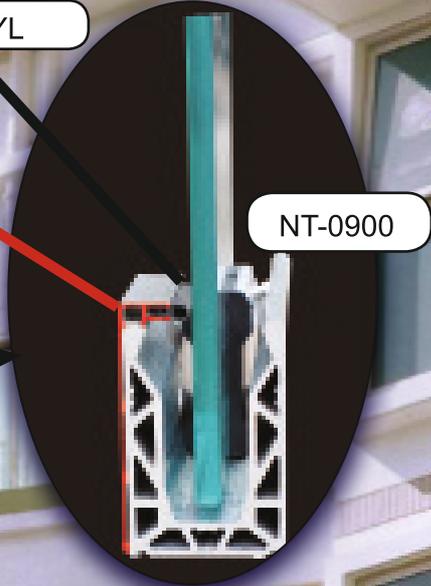
- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

## The All-new Aluminum Railing

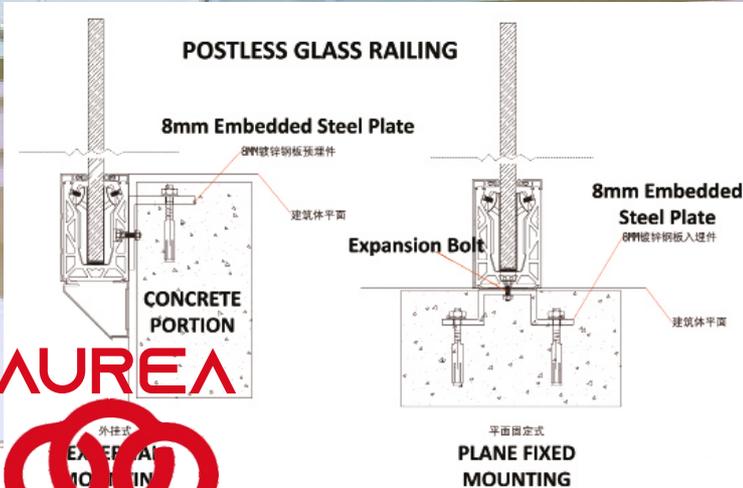
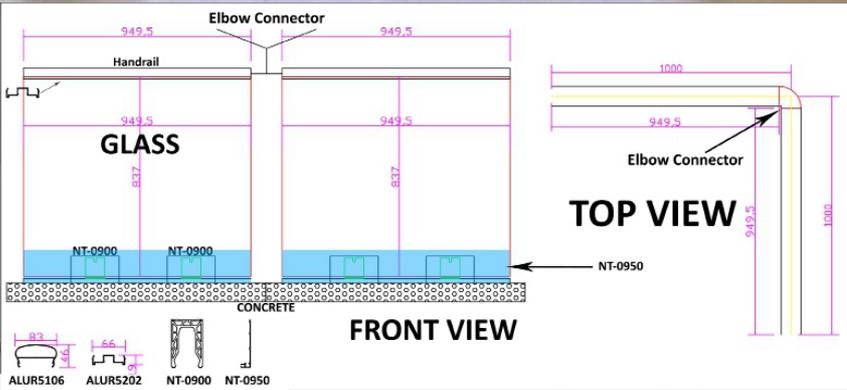


PVC VINYL

NT-0950 COVER



NT-0900





# LANDSEAAIR

TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

## Aluminum Railings System Combination



## Aluminum Railings Hardwares



**NT-026**  
(Elbow-Alur 5106)  
Thickness: 1.2mm  
\*Aluminum



**NT-037**  
(Elbow-Alur 5109)  
Thickness: 1.2mm  
\*Aluminum



**NT-011**  
(Footing Part)  
Thickness: 1.2mm  
\*Aluminum



**NT-021**  
(Handrail Connector)  
Thickness: 1.2mm  
\*Aluminum



**NT-061**  
(Bolt Cover)  
Thickness: 1.2mm  
\*Aluminum



**ALUR 5106**  
(Cover)  
Thickness: 1.2mm  
\*Aluminum



**ALUR 5109**  
(Cover)  
Thickness: 1.2mm  
\*Aluminum



**ALUR 5702**  
(Cover)  
Thickness: 1.2mm  
\*Aluminum



**ALUR 5706**  
(Cover)  
Thickness: 1.2mm  
\*Aluminum



**NT-1200**  
(Post Cover)  
Thickness: 1.2mm  
\*Aluminum



**NT-030**  
(Alur 551 End Cap)  
Thickness: 1.2mm  
\*Plastic



**NT-065**  
(Alur 5109 End Cap)  
Thickness: 1.2mm  
\*Plastic



**Expansion Bolt**  
Dimension: 8 mm x 100 mm  
\*Stainless



**Footing Part**  
(Alur 5702)  
Thickness: 1.2mm  
\*Steel



**Footing Part**  
(Alur 5706)  
Thickness: 1.2mm  
\*Steel



**Wall Fixed Bracket**  
(Alur 5106)  
Sizes: 41mm x 118mm  
\*Steel



**Wall Fixed Bracket**  
(Alur 5109)  
Sizes: 31mm x 96mm  
\*Steel



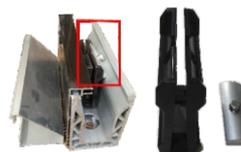
**NT-033 / NT-034**  
(Elbow-Alur 5109)  
Thickness: 1.2mm  
\*Aluminum



**NT-2109**  
(Elbow-Alur 5109)  
Thickness: 1.2mm  
\*Aluminum



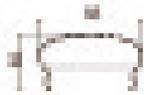
**NT-034**  
(Bracket for all)  
Thickness: 1.2mm  
\*Aluminum



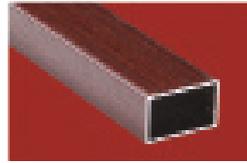
**NT-0930 (Glass Clip)**  
Thickness: 1.2mm  
\*Plastic



## Aluminum Railings Profiles



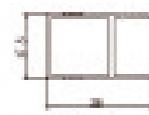
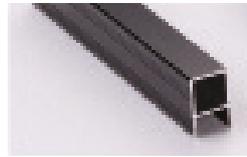
**Handrail**  
ALUR5106  
Thickness: 1.4mm



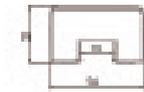
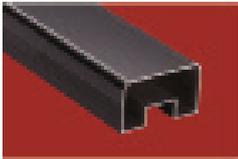
**Rect. Tube**  
ALUR5006  
Thickness: 1.2mm



**Handrail**  
ALUR5109  
Thickness: 1.7mm



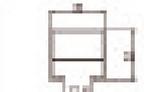
**ALUR5305**  
Thickness: 1.2mm



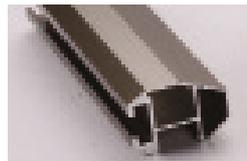
**Horizontal**  
ALUR5602  
Thickness: 1.2mm



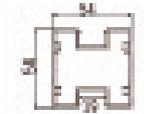
**ALUR5205**  
Thickness: 1.0mm



**Horizontal**  
ALUR5603  
Thickness: 1.2mm



**Glass Holder**  
ALUR5511  
Thickness: 1.3mm



**Vertical Post**  
ALUR5702  
Thickness: 1.4mm



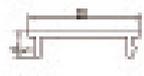
**NT-1200**  
Available height  
900mm & 1000mm



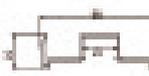
**Vertical Post**  
ALUR5706  
Thickness: 1.4mm



**Handrail Base**  
ALUR5201  
Thickness: 1.2mm



**Moulding Cover**  
ALUR5203  
Thickness: 1.2mm

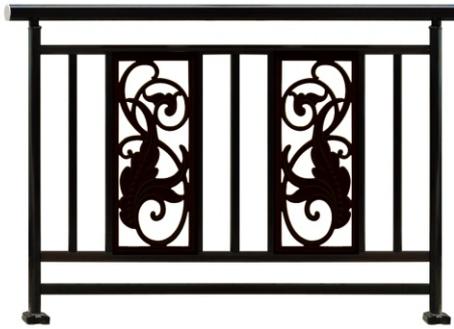


**Handrail Base**  
ALUR5202  
Thickness: 1.4mm

## Aluminum Railings Flowers Balluster



**NT-010**  
 Sizes: 500mm x 500mm  
 \*Aluminum



**NT-02**  
 Sizes: 300mm x 700mm  
 \*Aluminum



**NT-027**  
 Height: 750mm  
 \*Aluminum

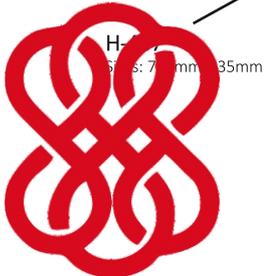


**NT-04**  
 Height: 750mm  
 \*Aluminum



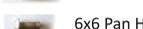
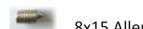
**H-521**  
 Sizes: 110mm x 550mm  
 \*Aluminum

**AUREA**



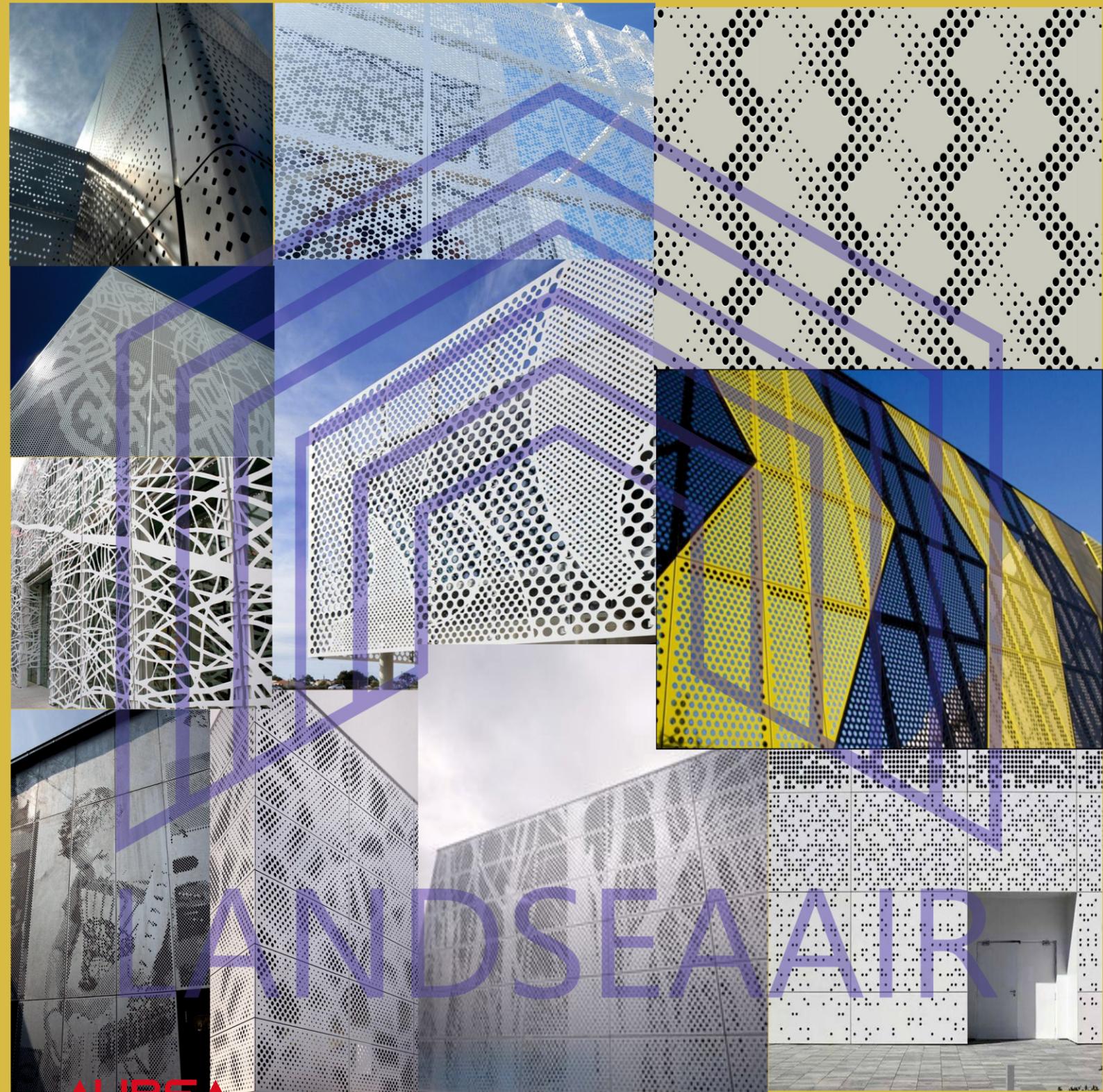
**H-521**  
 Sizes: 70mm x 35mm

### Bolt and nut

- #1  8x80 Stainless Expansion Bolt
- #2  8x80 Zinc Iron Expansion Bolt
- #3  6x60 Flat Head Self Tapping Screw
- #4  6x60 Torx
- #5  5x15 Blind Rivets
- #6  5x12 Blind Rivets
- #7  6x20 Pan Head Allen Screw
- #9  6x6 Pan Head Allen Screw
- #10  4x25 Flat Head Self Tapping Screw
- #11  4x18 Flat Head Self Tapping Screw
- #12  8x15 Allen Screw (Stainless)



# ACP PERFORATED PANEL DESIGN



AUREA



LANDSEAAIR  
TDL ECONSTRUCTIONS VENTURES CORP





**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

## ACP PRODUCTS AVAILABLE



**AUREA**





**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

## Landseair Logistic Services

authorized dealer-installer  
of Architectural Products:

Alucobest & WorldBond ACP, SandStone Granule Coated Roof,  
Geometric Solid Aluminum CertainTeed and WorldShingles  
Asphalt Shingles, WorldClass PVC Ceiling and Wall Cladding

AUREA



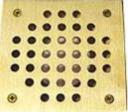
## PHOENIX STAINLESS PRODUCTS

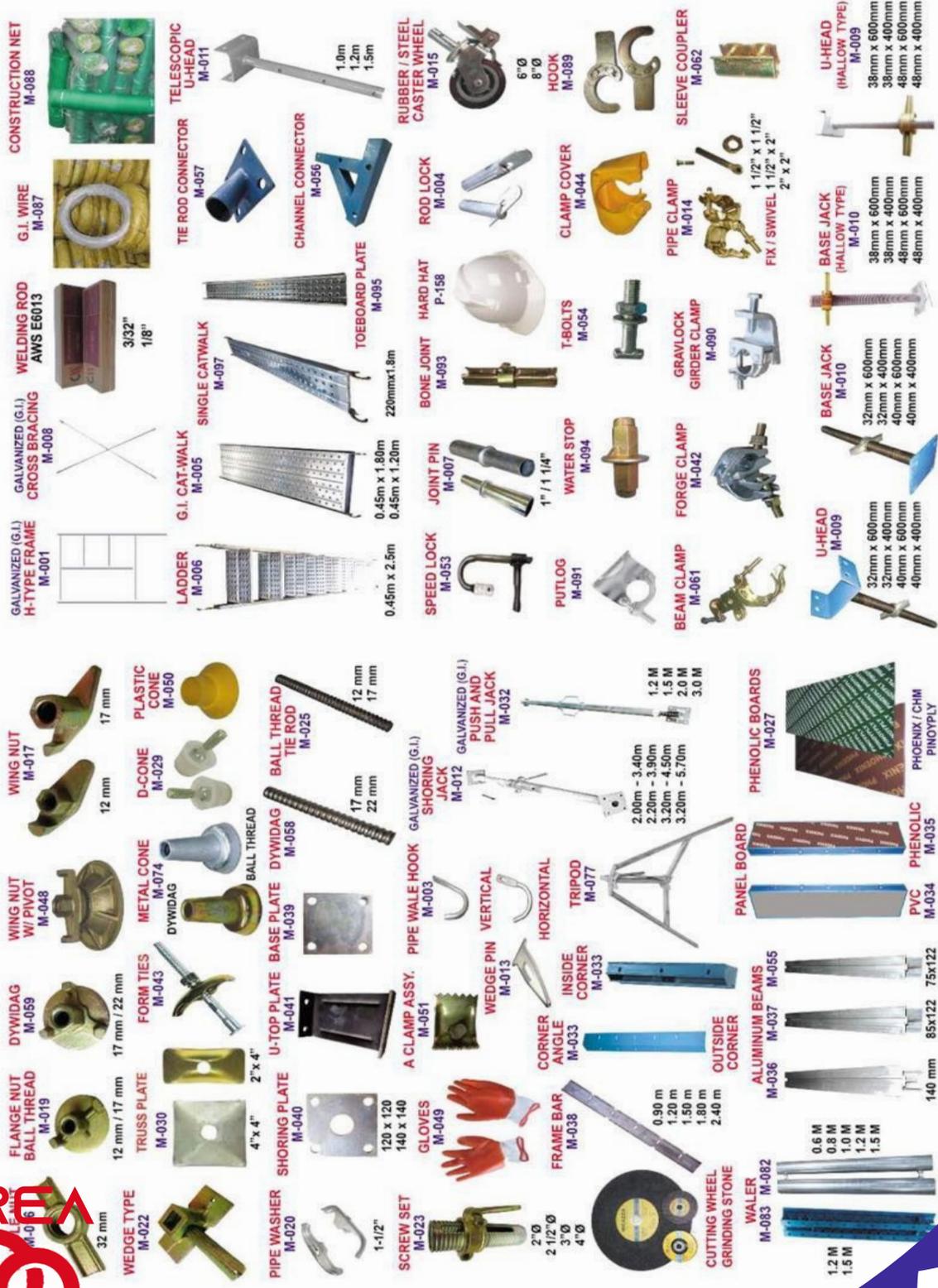
<b>FLOOR STRAINERS</b>			<b>FLOOR CLEAN OUT</b>		<b>SS FLOOR DRAIN</b>	
						
P-110-SA	P-22	P-21	P-22A	P-110-SB	P-115	P-118 UPVC 4"
<b>G.I. GRATINGS</b>		<b>STAINLESS GRATINGS</b>		<b>GREASE TRAPS</b>		
						
P-028	P-029	P-137D	P-039	P-141	P-119	P-156 Sight Glass
0.2m x 1m 0.3m x 1m	0.3m x 1m					

## GALVANIZED PRODUCTS

<b>GUTTER STRAINER</b>		<b>CONCEALED FLOOR DRAIN</b>		<b>PIPE HANGERS</b>			<b>EXPANSION SHIELD</b>		<b>THREADED ROD</b>	
										
P-107	P-206 0.08m x 0.28m	P-204	LOOPED P-150	CLAMP P-151	CLEVIS P-152	P-153	P-155	1/4"	5/16"	3/8"
								1/2"	5/8"	3/4"
								1"		

## BRASS PRODUCTS

<b>FLOOR STRAINERS</b>		<b>BRASS FLOOR DRAIN</b>			<b>ROOF DRAINS</b>		
							
P-110-BA	P-112	P-108	P-113	P-109	P-114		
<b>SQUARE FLOOR CLEAN OUT</b>		<b>ROUND FLOOR CLEAN OUT</b>			<b>SCUPPER DRAIN</b>		
							
P-121	P-110-BB	P-132	P-117	P-117A	P-116		
<b>CAST IRON GRATE COVER</b>		<b>ROUND TYPE</b>		<b>THREDOLET</b>		<b>PVC GRATINGS</b>	
							
12 x 12 16 x 16 24 x 24	P-124	P-136	P-154				200mm 300mm



**CONSTRUCTION NET** M-088

**G.I. WIRE** M-087

**WELDING ROD** AWS E6013 3/32" 1/8"

**GALVANIZED (G.I.) CROSS BRACING** M-008

**GALVANIZED (G.I.) H-TYPE FRAME** M-001

**TELESCOPIC U-HEAD** M-011

**TIE ROD CONNECTOR** M-057

**CHANNEL CONNECTOR** M-056

**RUBBER / STEEL CASTER WHEEL** M-015

**ROD LOCK** M-004

**CLAMP COVER** M-044

**SLEEVE COUPLER** M-062

**U-HEAD (HALLOW TYPE)** M-009

**38mm x 600mm**

**38mm x 400mm**

**48mm x 600mm**

**48mm x 400mm**

**1.0m**

**1.2m**

**1.5m**

**6"Ø**

**8"Ø**

**HOOK** M-089

**PIPE CLAMP** M-014

**1 1/2" x 1 1/2"**

**2" x 2"**

**FIX / SWIVEL** 1 1/2" x 2"

**BASE JACK (HALLOW TYPE)** M-010

**38mm x 600mm**

**38mm x 400mm**

**48mm x 600mm**

**48mm x 400mm**

**TOEBOARD PLATE** M-095

**ROD LOCK** M-004

**CLAMP COVER** M-044

**PIPE CLAMP** M-014

**1 1/2" x 1 1/2"**

**2" x 2"**

**FIX / SWIVEL** 1 1/2" x 2"

**BASE JACK (HALLOW TYPE)** M-010

**38mm x 600mm**

**38mm x 400mm**

**48mm x 600mm**

**48mm x 400mm**

**332" 1/8"**

**SINGLE CATWALK** M-097

**TOEBOARD PLATE** M-095

**HARD HAT** P-158

**BONE JOINT** M-093

**T-BOLTS** M-054

**GRAVLOCK GIRDER CLAMP** M-090

**BASE JACK (HALLOW TYPE)** M-010

**32mm x 600mm**

**32mm x 400mm**

**40mm x 600mm**

**40mm x 400mm**

**G.I. CAT-WALK** M-005

**0.45m x 1.80m**

**0.45m x 1.20m**

**220mm x 1.8m**

**BONE JOINT** M-093

**T-BOLTS** M-054

**GRAVLOCK GIRDER CLAMP** M-090

**BASE JACK (HALLOW TYPE)** M-010

**32mm x 600mm**

**32mm x 400mm**

**40mm x 600mm**

**40mm x 400mm**

**LADDER** M-006

**0.45m x 2.5m**

**JOINT PIN** M-007

**1" / 1 1/4"**

**WATER STOP** M-094

**FORGE CLAMP** M-042

**U-HEAD** M-009

**32mm x 600mm**

**32mm x 400mm**

**40mm x 600mm**

**40mm x 400mm**

**SPEED LOCK** M-053

**PULL LOG** M-091

**BEAM CLAMP** M-061

**U-HEAD** M-009

**32mm x 600mm**

**32mm x 400mm**

**40mm x 600mm**

**40mm x 400mm**

**WING NUT** M-017

**17 mm**

**PLASTIC CONE** M-050

**D-CONE** M-029

**BALL THREAD TIE ROD** M-025

**12 mm**

**17 mm**

**WING NUT W/ PIVOT** M-048

**12 mm**

**METAL CONE** M-074

**DYWIDAG** M-058

**17 mm**

**22 mm**

**PIPE WALE HOOK** M-003

**SHORING JACK** M-012

**2.00m - 3.40m**

**2.20m - 3.90m**

**3.20m - 4.50m**

**3.20m - 5.70m**

**PHENOLIC BOARDS** M-027

**PHENOLIC / CHM PINOPLY**

**WING NUT** M-017

**17 mm**

**PLASTIC CONE** M-050

**D-CONE** M-029

**BALL THREAD TIE ROD** M-025

**12 mm**

**17 mm**

**WING NUT W/ PIVOT** M-048

**12 mm**

**METAL CONE** M-074

**DYWIDAG** M-058

**17 mm**

**22 mm**

**PIPE WALE HOOK** M-003

**SHORING JACK** M-012

**2.00m - 3.40m**

**2.20m - 3.90m**

**3.20m - 4.50m**

**3.20m - 5.70m**

**PHENOLIC BOARDS** M-027

**PHENOLIC / CHM PINOPLY**

**DYWIDAG** M-058

**17 mm**

**22 mm**

**PIPE WALE HOOK** M-003

**SHORING JACK** M-012

**2.00m - 3.40m**

**2.20m - 3.90m**

**3.20m - 4.50m**

**3.20m - 5.70m**

**PHENOLIC BOARDS** M-027

**PHENOLIC / CHM PINOPLY**

**FLANGE NUT BALL THREAD** M-019

**12 mm / 17 mm**

**TRUSS PLATE** M-030

**4" x 4"**

**SHORING PLATE** M-040

**120 x 120**

**140 x 140**

**GLOVES** M-049

**FRAME BAR** M-038

**0.90 m**

**1.20 m**

**1.50 m**

**1.80 m**

**2.40 m**

**CUTTING WHEEL GRINDING STONE**

**WALER** M-082

**0.6 M**

**0.8 M**

**1.0 M**

**1.2 M**

**1.5 M**

**12 M**

**15 M**

**DYWIDAG** M-058

**17 mm / 22 mm**

**FORM TIES** M-043

**U-TOP PLATE** M-041

**BASE PLATE** M-039

**PIPE WALE HOOK** M-003

**SHORING JACK** M-012

**2.00m - 3.40m**

**2.20m - 3.90m**

**3.20m - 4.50m**

**3.20m - 5.70m**

**PHENOLIC BOARDS** M-027

**PHENOLIC / CHM PINOPLY**

**FLANGE NUT BALL THREAD** M-019

**12 mm / 17 mm**

**TRUSS PLATE** M-030

**4" x 4"**

**SHORING PLATE** M-040

**120 x 120**

**140 x 140**

**GLOVES** M-049

**FRAME BAR** M-038

**0.90 m**

**1.20 m**

**1.50 m**

**1.80 m**

**2.40 m**

**CUTTING WHEEL GRINDING STONE**

**WALER** M-082

**0.6 M**

**0.8 M**

**1.0 M**

**1.2 M**

**1.5 M**

**12 M**

**15 M**

**U-TOP PLATE** M-041

**BASE PLATE** M-039

**PIPE WALE HOOK** M-003

**SHORING JACK** M-012

**2.00m - 3.40m**

**2.20m - 3.90m**

**3.20m - 4.50m**

**3.20m - 5.70m**

**PHENOLIC BOARDS** M-027

**PHENOLIC / CHM PINOPLY**

**FLANGE NUT BALL THREAD** M-019

**12 mm / 17 mm**

**TRUSS PLATE** M-030

**4" x 4"**

**SHORING PLATE** M-040

**120 x 120**

**140 x 140**

**GLOVES** M-049

**FRAME BAR** M-038

**0.90 m**

**1.20 m**

**1.50 m**

**1.80 m**

**2.40 m**

**CUTTING WHEEL GRINDING STONE**

**WALER** M-082

**0.6 M**

**0.8 M**

**1.0 M**

**1.2 M**

**1.5 M**

**12 M**

**15 M**

**WEDGE TYPE** M-022

**32 mm**

**PIPE WASHER** M-020

**1-1/2"**

**SCREW SET** M-023

**2"Ø**

**2 1/2"Ø**

**3"Ø**

**4"Ø**

**CUTTING WHEEL GRINDING STONE**

**WALER** M-082

**0.6 M**

**0.8 M**

**1.0 M**

**1.2 M**

**1.5 M**

**12 M**

**15 M**

**ALUMINUM BEAMS** M-036

**M-037**

**M-055**

**140 mm**

**85x122**

**75x122**

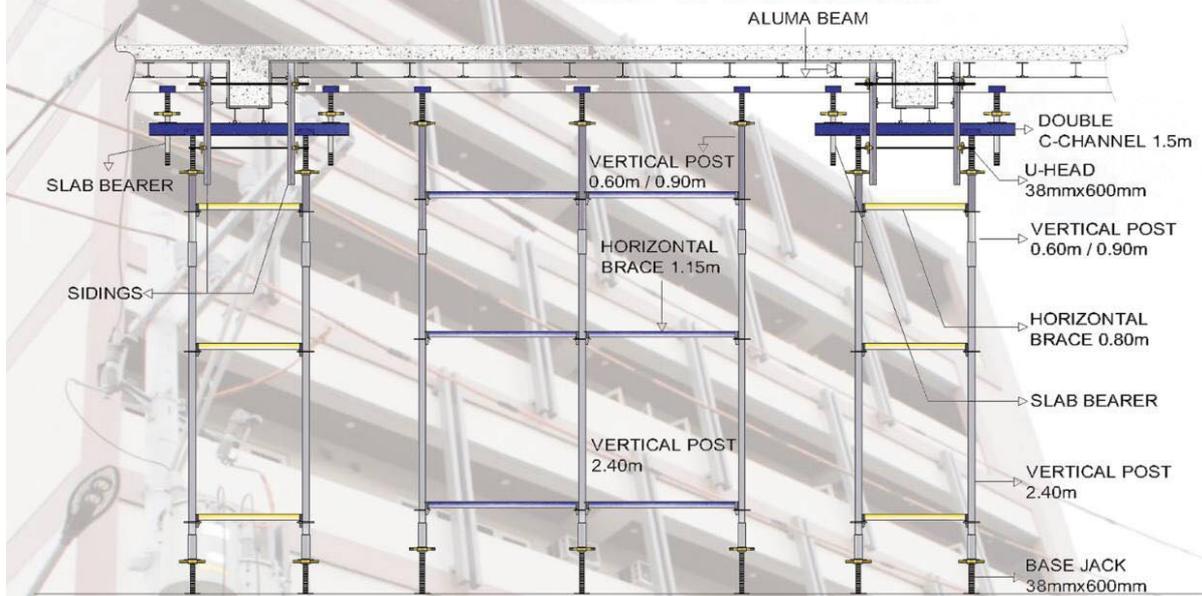
**PANEL BOARD**

**PHENOLIC** M-035

**PVC** M-034

**PHENOLIC / CHM PINOPLY**

## EASY FORM SYSTEM



## FORMWORKS FOR COLUMN



**NEW WALER**



1.2m (400mm-800mm)  
1.5m (600mm-1000mm)  
1.7m (800mm-1200mm)

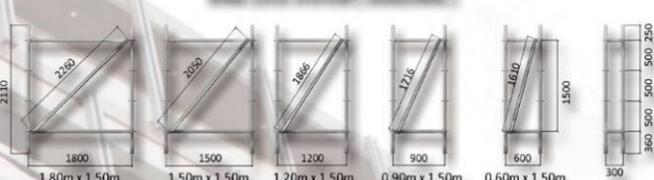
**PE SHEET (MOIST SIL)**



.004x80"  
.006x80"  
.008x80"

## RINGLOCK SYSTEM

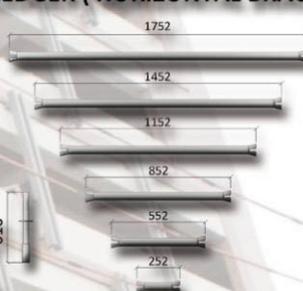
**RING LOCK SYSTEM ( DIAGONAL )**



**RING LOCK SYSTEM ( STANDARD )**



**LEDGER ( HORIZONTAL BRACE )**



**ROSETTE**    **LEDGER HEAD**    **BRACE HEAD**    **PLUG PIN**    **RING LOCK CONNECTOR**

### PARKING ITEMS



**RUBBER HAMP**  
P-218



**RUBBER WHEEL STOPPER**  
P-217



**CURVED MIRROR**  
P-219



**CORNER GUARD**  
P-216  
0.80m



**PARKING CONE**  
P-211

### FORMWORKS FOR SHEARWALL



**REBAR COUPLER**  
40 CR

- 16mm
- 18mm
- 20mm
- 22mm
- 25mm
- 28mm
- 32mm
- 40mm



**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

## GLASS SEALANT

**DOWSIL™**  
technologies by 



**DOWSIL™**  
**GLASS SILICONE**  
**SEALANT**  
● 300ML BLACK

**AUREA**





**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

## GLASS SEALANT



DOWSIL™  
**NEUTRAL PLUS**  
**SILICONE**  
**SEALANT**  
● 300ML BLACK

**AUREA**





**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

## GLASS SEALANT



DOWSIL™  
**GENERAL PURPOSE  
SILICONE  
SEALANT**  
● 280ML BRONZE

**AUREA**





**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES



## GRAVEL AND SAND SUPPLIES



**AUREA**

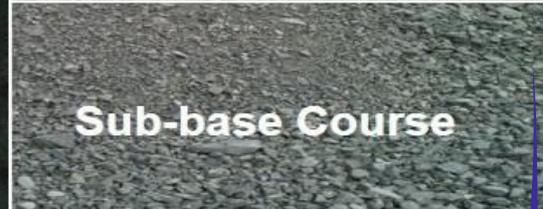




# LANDSEAAIR

TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES



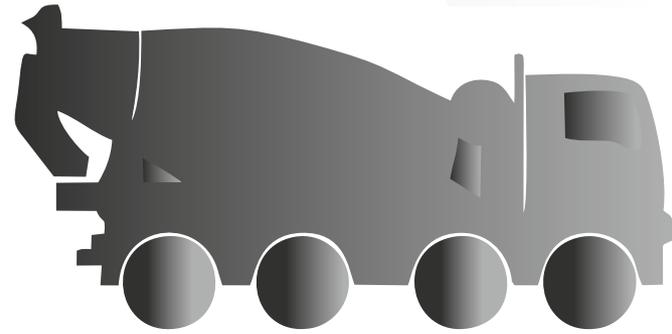
AUREA



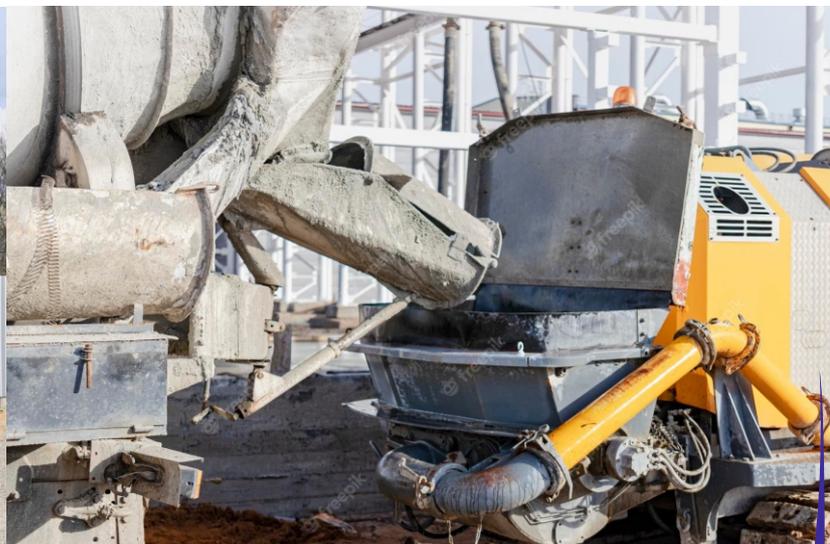


**LANDSEAAIR**  
TDL ECONSTRCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES



## CONCRETE MIXER TRUCK



AUREA





**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

## READY MIXED CEMENT





**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

# BUILDING FOUNDATION AND FOOTING



PERFORMED BY LICENSED ARCHITECH AND ENGINEER

**AUREA**

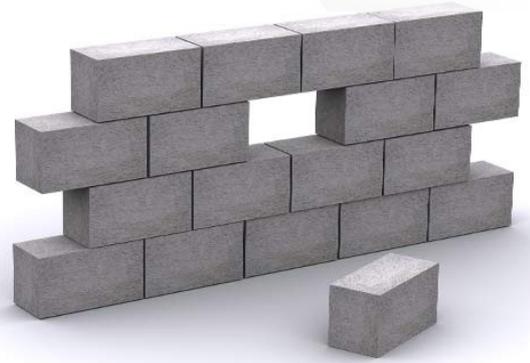




# LANDSEAAIR

TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES



## CEMENT AND HOLLOW BLOCKS



AUREA





**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES



**FIRE PROTECTION SYSTEM**

**CRACKED  
GLASS**

**AUREA**





# LANDSEAAIR

TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

## BlazeMaster<sup>®</sup> FIRE PROTECTION SYSTEMS

Surface roughness constant for other piping material are given below:

$$f = 0.2083 \left( \frac{100}{C} \right)^{1.85} \frac{g}{d 4.8655}$$

Where f = friction head in feet of water per 100 feet of pipe  
 d = inside diameter of pipe in inches  
 g = flow rate in gallons per minute  
 c = pipe surface roughness constant

### Constant (C) Type of Pipe

- 150 CPVC Pipe, new-40 Years
- 130-140 Steel/Cast Iron Pipe, New
- 125 Steel Pipe, old
- 120 Cast Iron, 4-12 years old
- 110 Galvanized Steel/Cast Iron 13-20 Years
- 60-80 Cast Iron, Worn/Pitted

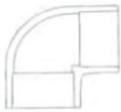
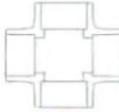
## BLAZEMASTER<sup>®</sup> CPVC PIPE & FITTING RANGE

Blazemaster<sup>®</sup> Pipe Dimensions (SDR 13.5) - Inches (Millimeters)

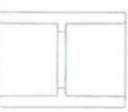


Nominal Size	Outside Diameter (OD)				Wall Thickness (T)				Allowable Water Pressure Rating at 73°F / 22.7°C	
	in	mm	Average	Tolerance	Minimum	Tolerance	in	mm		
1/2"	15	0.840	21.3	±0.004	0.10	0.062	1.57	+0.02	0.51	315 PSI (22.22 kg/cm <sup>2</sup> )
3/4"	20	1.050	26.7	±0.004	0.10	0.078	1.98	+0.02	0.51	
1"	25	1.315	33.4	±0.005	0.13	0.097	2.46	+0.02	0.51	
1-1/4"	32	1.660	42.2	±0.005	0.13	0.123	3.12	+0.02	0.51	
1-1/2"	40	1.900	48.2	±0.006	0.15	0.141	3.58	+0.02	0.51	
2"	50	2.375	60.3	±0.006	0.15	0.176	4.47	+0.021	0.53	
2-1/2"	65	2.875	73.0	±0.007	0.18	0.213	5.41	+0.026	0.66	
3"	80	3.500	88.9	±0.008	0.20	0.259	6.58	+0.031	0.79	
4"	100	4.500	114.3	±0.009	0.23	0.333	8.46	+0.04	1.02	

Note: SDR 13.5 (Standard Dimensional Ratio 13.5) means the ratio of outside diameter to wall thickness (ASTM F442)

ELBOW 90°	in	mm	ELBOW 45°	in	mm	CROSS TEE	in	mm
	1/2	15		1/2	15		1/2	15
	3/4	20		3/4	20		3/4	20
	1	25		1	25		1	25
	1-1/4	32		1-1/4	32		1-1/4	32
	1-1/2	40		1-1/2	40		1-1/2	40
	2	50		2	50		2	50
	2-1/2	65		2-1/2	65		2-1/2	65
	3	80		3	80		3	80
	4	100		4	100		4	100

TEE	in	mm	END CAP	in	mm	COUPLING	in	mm
	1/2"	15		1/2"	15		1/2"	15
	3/4"	20		3/4"	20		3/4"	20
	1"	25		1"	25		1"	25
	1-1/4"	32		1-1/4"	32		1-1/4"	32
	1-1/2"	40		1-1/2"	40		1-1/2"	40
	2"	50		2"	50		2"	50
	2-1/2"	65		2-1/2"	65		2-1/2"	65
	3"	80		3"	80		3"	80
	4"	100		4"	100		4"	100

AUREA





## SIGHT FLOW CONNECTIONS, 1" AND 2" NPT SIZES

### DESCRIPTION

Sight Flow Connections are designed for use in fire protection systems as a means for visibly checking that water is flowing and filling the pipe at that point.

They are usually installed in the main drain lines and inspector's test pipes, when it is not possible to terminate the discharge outlet where the water flow can be readily observed. They are also used in diesel engine fire pump installations to indicate the flow of cooling water engine.

Sight Flow Connection is rated for 175 psi pressure service and is available in 1 and 2 inch NPT sizes.

### APPROVALS AND STANDARDS

Sight Flow Connections are listed by Underwriters Laboratories Inc. They are approved by Factory Mutual Research Corporation and by the New York City Board of Standards and Appeals under Calendar Number 236-79-SA.

### WARNING

Sight Flow Connection Must be installed and maintained in compliance with this document as well as with the applicable standards of the National Fire Protection Association in addition to the standards of any other authorities having jurisdiction, Failure to do so may impair the integrity of this device.

The owner is responsible for maintaining his fire protection system and devices in proper operating condition. The installing contractor or manufacturer should be contacted relative to any question.

Sight Flow Connections provide a cursory means for verifying full appearing water flow in an inspector's test pipe. They do not indicate that the sprinkler system or drain line is free of obstructions.

### INSTALLATION

Sight Flow Connections may be installed in vertical or horizontal piping for flow in either direction. When finally positioned, one of the Windows must not be obstructed from straight-on viewing.

### CARE AND MAINTENANCE

Sight Flow Connection does not require any regular scheduled maintenance.

If there is leakage around a Window, proceed as follows:

1. Tighten the Machine Screws. if leakage persists, shut off flow to the Sight Flow by closing the inspector's test valves and:
2. Remove the Machine Screws, Cover Window and O-Ring on the leaking side.
3. Clean all scale, rust and debris from the inside sealing surfaces of the connection.
4. Clean the Window with a soft lint-free cloth.
5. Place a new O-Ring in the Machined recess, and the reinstall the Window, Cover and Machine Screws. Tighten the screws securely.

*NOTE: Used O-Rings should not be installed with replacement Windows.*

### DESIGN (FIGURE A)

The Body (1) of a Sight Flow Connection is made from a 125 lb. cast iron cross per ANSI B16.4. The viewing Window (4) are clear acrylic, The Covers (2) are mild steel and the O-Rings (3) are Buna-N

DIMENSIONS IN INCHES AND (MM)		
DIM.	PIPE SIZE	
	1" NPT (25)	2" NPT (50)
A	3.25 (82.6)	5.00 (127.0)
B	2.00 (50.8)	3.31 (84.1)
C	3.00 (76.2)	4.50 (114.3)
TAKE-OUT	1.88 (47.8)	3.12 (79.2)

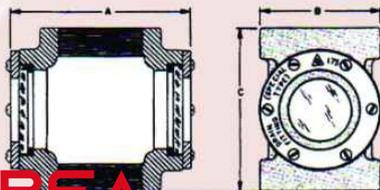
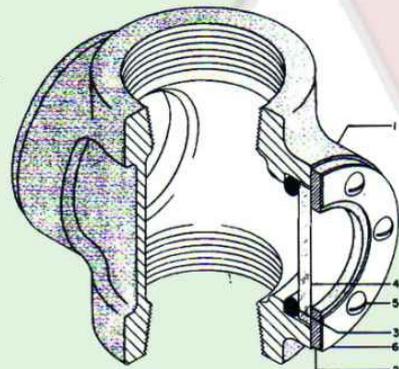


FIGURE A  
SIGHT FLOW CONNECTION



- 1- Body
- 2- Cover (2 req'd)
- 3- O-Ring (2 req'd)
- 4- Window (2 req'd)
- 5- Round Head Machine Screw, brass or plated steel, No. 8-31 x 38" for 1" size (8 req'd) No. 8-32 x 1/2" for 2" size (12 req'd)
- 6- Identification Plate

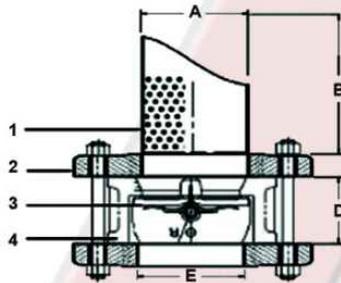


## DAYO VALVES-JAPAN

### Foot Valve



**BODY:** Cast Iron Body A126  
**DISC:** Stainless Steel T304/T316  
**VALVES SIZES:** 2" - 12" Flange Type ANSI  
**NOMINAL PRESSURE:** Non-Shock Working Pressure  
 150psi Steam Pressure  
 200psi Cold Working Pressure



#### MATERIALS SPECIFICATION

PART NO.	PART	MATERIAL	ASTM STANDARDS
1	Screen	Stainless Steel	ASTM A304
2	Flange	Carbon Steel	ASTM A105
3	Disc	Stainless Steel	ASTM T304
4	Body	Cast iron	ASTM A126

#### DIMENSIONS

SIZE	A	B	C	E
2"	66.0	76.0	44.0	33-3
2 ½"	79.0	89.0	48.0	47-8
3"	92.0	95.0	51.0	52-6
4"	117.0	127.0	57.0	76-2
5"	143.0	165.0	66.0	95-3
6"	168.0	191.0	70.0	120-7
8"	219.0	229.0	73.0	163-5
10"	276.0	381.0	79.0	183-7
12"	327.0	432.0	86.0	269.3



# LANDSEAAIR

TDL ECONSTRCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

**BlazeMaster**  
FIRE PROTECTION SYSTEMS

FLANGE	in	mm	NEW FLANGE RUBBER PAD	in	mm	MALE ADAPTER PLASTIC THREADED	in	mm
	1/2	15		2	50		1/2	15
	3/4	20					3/4	20
	1	25					1	25
	1-1/4	32					1-1/4	32
	1-1/2	40					1-1/2	40
	2	50					2	50
	2-1/2	65					2-1/2	65
	3	80					3	80
4	100	4	100					

MALE ADAPTER WITH BRASS	in	mm	FEMALE ADAPTER WITH BRASS	in	mm	FEMALE SPRINKLER HEAD ADAPTER	in	mm	SPRINKLER ELBOW	in	mm
	1	15		1	25		3/4 x 1/2	20 x 15		1/2	15 x 15
	1-1/4	32		1-1/4	32		1 x 1/2	25 x 15		3/4 x 1/2	20 x 15
	1-1/2	40		1-1/2	40		1 x 3/4	25 x 20		1 x 1/2	25 x 15
	2	50		2	50					1 x 3/4	25 x 20

SPRINKLER HEAD TEE WITH BRASS	in	mm	COUPLING REDUCER	in	mm	in	mm	
	1/2 x 1/2	15 x 15		3/4 x 1/2	20 x 15	1-1/2 x 1-1/4	40 x 32	
	3/4 x 1/2	20 x 15		1 x 1/2	25 x 15	2 x 1/2	50 x 15	
	1 x 1/2	25 x 15		1 x 3/4	25 x 20	2 x 3/4	50 x 20	
	1-1/4 x 1/2	32 x 15		1-1/4 x 1/2	32 x 15	2 x 1	50 x 25	
	1-1/4 x 1/2	32 x 15		1-1/4 x 3/4	32 x 20	2 x 1-1/4	50 x 32	
	1-1/2 x 1/2	40 x 15		1-1/4 x 1	32 x 25	2 x 1-1/2	50 x 40	
2 x 1/2	50 x 15	1-1/2 x 1/2	40 x 15	2-1/2 x 1	65 x 25	2-1/2 x 2	65 x 50	
			1-1/2 x 3/4	40 x 20	1-1/2 x 3/4	40 x 20	3 x 2	80 x 50
			1-1/2 x 1	40 x 25	1-1/2 x 1	40 x 25	3 x 2-1/2	80 x 65

REDUCER TEE	in	mm	in	mm	in	mm
	3/4 x 1/2	20 x 15	1-1/2 x 1-1/4	40 x 32	3 x 1	80 x 25
	1 x 1/2	25 x 15	2 x 1/2	50 x 15	3 x 1-1/2	80 x 40
	1 x 3/4	25 x 20	2 x 3/4	50 x 20	3 x 2	80 x 50
	1-1/4 x 1/2	32 x 15	2 x 1	50 x 25	3 x 2-1/2	80 x 65
	1-1/4 x 3/4	32 x 20	2 x 1-1/4	50 x 32	4 x 1	100 x 25
	1-1/4 x 1	32 x 25	2 x 1-1/2	50 x 40	4 x 1-1/2	100 x 40
	1-1/2 x 1/2	40 x 15	2-1/2 x 1	65 x 25	4 x 2	100 x 50
	1-1/2 x 3/4	40 x 20	2-1/2 x 1-1/2	65 x 40	4 x 2-1/2	100 x 65
	1-1/2 x 1	40 x 25	2-1/2 x 2	65 x 50	4 x 3	100 x 80

BUSHING REDUCER	in	mm	in	mm	in	mm
	3/4 x 1/2	20 x 15	1-1/2 x 1	40 x 25	2-1/2 x 2	65 x 40
	1 x 1/2	25 x 15	1-1/2 x 1-1/4	40 x 32	3 x 1-1/2	80 x 40
	1 x 3/4	25 x 20	2 x 1/2	50 x 15	3 x 2	80 x 50
	1-1/4 x 1/2	32 x 15	2 x 3/4	50 x 20	3 x 2-1/2	80 x 65
	1-1/4 x 3/4	32 x 20	2 x 1	50 x 25	4 x 2	100 x 50
	1-1/4 x 1	32 x 25	2 x 1-1/4	50 x 32	4 x 2-1/2	100 x 65
	1-1/2 x 1/2	40 x 15	2 x 1-1/2	50 x 40	4 x 3	100 x 80
	1-1/2 x 3/4	40 x 20	2-1/2 x 1-1/2	65 x 25		



## FIRE PROTECTION

### GATE VALVES A53 AND A53G SERIES



#### Description

Forged brass gate valves, straightway pattern with non-rising stem used as fire hose connections and on pump test manifolds. Female NPT or male NST inlet and male NST or with swivel female NST outlet, 300 lbs rated. With red handwheel.

#### Versions and product codes

Series	Size	Type	Finishing
A53	2 1/2" x 2 1/2"	NPT inlet (F) x Hose thread outlet (M)	Forged Brass Polished Brass Rough Chrome Polished Chrome
	3" x 2 1/2"		
A53G	2 1/2" x 2 1/2"	Hose thread inlet (M) x Hose thread swivel outlet (F)	Forged Brass

**NOTE:**  
The preferred use for gate valves is a dry system and the cap is recommended. When used in wet systems the cap is required.

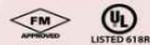
#### Technical data

- Rated pressure: 300 PSI

#### Materials

- Body: forged brass CuZn40Pb2 in accordance with European Standard EN 12165 CW617N, similar to American Standard ASTM B124 C37700
- Yield stress of the material in the shape of bar: 360 MPa
- Stress for permanent distortion R(0.2): 138 MPa
- Elongation: 10 %
- Shutter: forged brass CuZn40Pb2 in accordance with European Standard EN 12165 CW617N, similar to American Standard ASTM B124 C37700
- Stem: brass EN 12164 CW614N similar to American Standard ASTM B124 C37700
- Handwheel: red painted aluminum

#### Approvals: A53



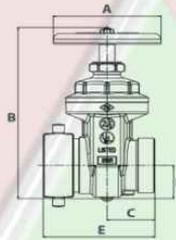
#### Dimensions

##### A53 - FEMALE x MALE HOSE THREAD



Size	A	B	C	D	E
2 1/2" x 2 1/2"	5 1/8"	9 13/16"	2 1/4"	2 1/16"	4 11/32"
3" x 2 1/2"	5 1/8"	9 15/16"	2 1/4"	2 3/16"	4 17/32"

##### A53G - MALE HOSE THREAD x FEMALE SWIVEL



Size	A	B	C	D	E
2 1/2" x 2 1/2"	5 1/8"	9 13/16"	2 1/4"	2 1/16"	5 5/16"

#### Product specifications

##### A53

Gate valves, straightway pattern with non-rising stem used as fire hose connections and on pump test manifolds with main feature as following:

- Forged brass body
- Forged brass shutter
- 2 1/2" 3" female NPT inlet
- 2 1/2" male hose thread outlet
- Aluminum red painted hand wheel
- Rated pressure 300 psi
- FM approved and UL listed

##### A53G

Gate valves, straightway pattern with non-rising stem used as fire hose connections and on pump test manifolds with main feature as following:

- Forged brass body
- Forged brass shutter
- 2 1/2" male hose thread inlet
- 2 1/2" swivel female hose thread outlet
- Aluminum red painted hand wheel
- Rated pressure 300 psi
- UL listed





**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

# BlazeMaster<sup>®</sup>

FIRE PROTECTION SYSTEMS

**BlazeMaster<sup>®</sup>**  
FIRE PROTECTION SYSTEMS  
★ 1984-2014 ★

**30 YEARS STRONG**

**THE SCIENCE OF SAFETY**

NOW LISTED AND APPROVED

NSF    LPCB    UL    ◀ FM ▶



## BlazeMaster<sup>®</sup>

FIRE PROTECTION SYSTEMS

**Blazemaster<sup>®</sup>** pipe and fittings are designed specifically for fire sprinkler systems. They are made from a specialty thermoplastic known chemically as post-chlorinated polyvinyl chloride (CPVC). **Blazemaster<sup>®</sup>** pipe and fittings provide unique advantages in sprinkler installations including superior hydraulics in comparison to traditional metal systems, ease of joining, increased hanger spacing in comparison to other thermoplastics and ease of assembly. They also are based on a technology with a continuous and proven service history of more than 30 years.

### BLAZEMASTER<sup>®</sup> CPVC FIRE SPRINKLER SYSTEM SPECIFICATION



#### Pipe

**Blazemaster<sup>®</sup>** CPVC Sprinkler pipe in SDR 13.5 conforms to the requirements of ASTM F442.

#### Fittings

**Blazemaster<sup>®</sup>** CPVC Sprinkler fittings conform to the requirement of ASTM F438 (Schedule 40) & ASTM F439 (Schedule 80). Female threaded adapters for sprinkler head connections with brass inserts.

#### Solvent Cement

**Blazemaster<sup>®</sup>** CPVC socket connections should be joined with Weld-On<sup>®</sup> Blazemaster<sup>®</sup> Cement which meets ASTM F493. No other cements are recommended for use with Blazemaster<sup>®</sup> products and use of such non-proved welding agents will invalidate the manufacturers warranty.

### WHERE TO USE BLAZEMASTER CPVC FIRE SPRINKLER PIPING SYSTEM

Listed and Approved by:



#### Applications

- **NFPA 13** - Light Hazard occupancies as defined in the Standard for Installation of Sprinkler Systems, such as Churches, Schools, Hotels, Condominiums, Hospital, Offices & High Rises.
- **NFPA 13D** - Residential occupancies as defined in the Standard for Sprinkler Systems in One and Two Family Dwellings and Manufactured Homes.
- **NFPA 13R** - Residential, Multi-story and Multi-family.
- **NFPA 90** - Air plenums, as defined by the Installation of Air Conditioning and Ventilating Systems
- **NFPA 24** - Underground water pressure service.



# LANDSEAAIR

TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

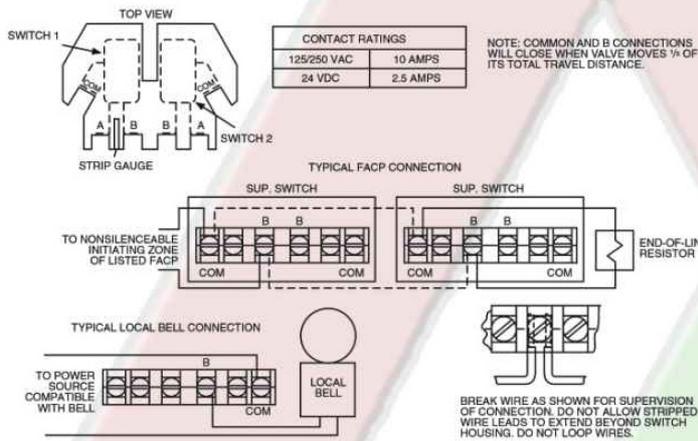
## OSY2 Specifications

### Architectural/Engineering Specifications

Model shall be model number OSY2 supervisory switch as manufactured by System Sensor. OSY2 shall be installed on each valve as designated on the drawings and/or as specified herein. Switches shall be mounted so as not to interfere with the normal operation of the valve and shall be adjusted to operate within two revolutions of the valve control or when the stem has moved no more than one-fifth of the distance from its normal position. The mechanism shall be contained in a weatherproof die cast metal housing that provides a side entrance for 1/2" conduit and incorporates the necessary facilities for attachment to the valve. A grounding provision is provided. The switch assembly shall include two switches each with a rated capacity of 10 Amp @ 125/250VAC and 2.5 Amp @ 24VDC. The cover shall contain tamper-resistant screws for which a security wrench will be provided with each switch. The OSY2 shall be Underwriters Laboratories listed for indoor or outdoor use. The OSY2 shall be Factory Mutual, CSFM, and MEA approved.

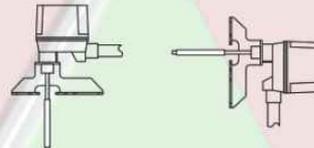
Physical Specifications		Operating Specifications	
<b>Overall Switch Dimensions</b>	5 3/4" H x 3 1/2" W x 3 3/4" D (14.6cm x 8.9cm x 8.2cm)	<b>Contact Ratings</b>	Two sets of SPDT (Form C) 10.0 A @ 125/250VAC; 2.5 @ 6/12/24VDC
<b>Shipping Weight</b>	2.8 lbs. (1.3 kg)	<b>Enclosure Rating</b>	UL indoor/outdoor NEMA 3R when mounted with the actuator vertical
<b>Operating Temperature Range</b>	32°F to 120°F (0°C to 49°C) NOTE: The OSY2 will operate from -40°F to 120°F (-40°C to 49°C); however UL does not test control valve supervisory switches below 32°F (0°C).	<b>Cover Tamper Switch</b>	Standard with ULC model Optional for UL model, part no. 546-7000
<b>Maximum Stem Extension</b>	25/8" (6.7cm)	<b>Service Use</b>	Automatic Sprinkler: NFPA 13 One or Two Family Dwelling: NFPA 13D Residential Occupancies up to 4 stories: NFPA 13R; National Fire Alarm code: NFPA 72
<b>Bracket Span</b>	1/4" H x 6 3/4" W x 1" D (5.7cm x 17.1cm x 2.5cm)	<b>Warranty</b>	3 years
<b>Conduit Entrances</b>	One single side open for 1/2" conduit	<b>U.S. Patent Nos.</b>	5,478,038; 5,213,205

### Electrical Connections for OSY2

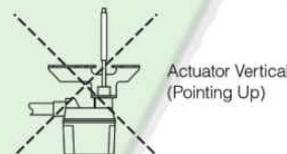


### OSY2 Mounting

The following are examples of acceptable mounting positions:



The following mounting position is not acceptable:



### Ordering Information

Part No.	Description		
OSY2	Outside Screw and Yoke valve supervisory switch		
OSY2A	Outside Screw and Yoke valve supervisory switch (ULC model)		
<b>Accessories</b>			
OSYRK	Replacement hardware kit (wrenches, screw pack and J-hooks)	WFDW	Replacement tamper-proof wrench for cover
546-7000	Cover tamper switch kit	HEXW	Replacement hex wrench
S07-66-XX	Tamper screws for cover		



## DAYO VALVE CORP. - JAPAN

### Cast Iron Swing Check Valve



Primary Service Pressure Non-shock (psi)	Hydrostatic Test Pressure	
	Shell	Seat
125	300	200

200psi WOG(Water, Oil, Gas) 65°C  
125psi Saturated Steam  
Face to Face: ASME B16.10 Class 125

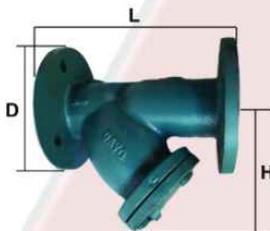
### ANSI 125PSI/200 WOG

SPECIFICATIONS	
Part	Material
BODY	Cast Iron A126 CL B
COVER	Cast Iron A126 CL B
DISC	Cast Iron A126 CL B
	Stainless Steel SUS304
DISC SEAT RING	Bronze B62
BODY SEAT RING	Bronze B62
GASKET	Non-Asbestos
COVER B & N	Carbon Steel

#### DIMENSION

Size	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	14"
mm	40	50	65	80	100	125	150	200	250	300	350
L	203	203	216	241	292	330	356	496	622	699	787
H	108	108	124	137	159	183	203	246	246	283	356
D	127	152	178	190	229	254	279	343	406	483	533

### Cast Iron Y-Strainer



Primary Service Pressure Non-shock (psi)	Hydrostatic Test Pressure	
	Shell	Seat
125	300	200

200psi WOG(Water, Oil, Gas) 65°C  
125psi Saturated Steam  
Face to Face: ASME B16.10 Class 125

### ANSI 125PSI/200 WOG

SPECIFICATIONS	
Part	Material
BODY	Cast Iron A126 CL B
COVER	Cast Iron A126 CL B
SCREEN	Stainless Steel SUS304
STUD BOLT	Carbon Steel
NUT	Carbon Steel
DRAIN PLUG	Malleable Iron
GASKET	Non-Asbestos

#### DIMENSION

Size	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	14"
mm	50	65	80	100	125	150	200	250	300	350
L	220	270	280	330	390	440	540	660	780	950
H	157	194	210	256	328	364	441	530	599	720
D	152	178	190	229	254	279	343	406	483	533

## FIRE PROTECTION

### ROOF FIRE DEPARTMENT OUTLET CONNECTIONS A97 SERIES



**A97**  
TWO WAY BACK

**A97**  
THREE WAY BACK

#### Description

Roof Fire Department outlet (male) connections, required for Class I and Class III service. Serving as a water source for the Fire Fighting Service, each outlet must be capable of supplying a minimum flow of 250 GPM and are controlled by angle or straight hose valves.

The control valve may be attached directly to the male outlet or installed in a remote position and controlled by external means.

There are no clappers or spring checks in any outlet connection.

In buildings equipped with fire pumps, these outlets or "hydrants" can be used as a fire pump test connection for conducting flow tests. Fire Dept. roof connections are a source of water to enable the Fire Fighting Service to attack a fire on or below the roof of a building.

#### Versions and product codes

Series	Size	Type	Finishing
A97 TWO WAY STRAIGHT CONNECTION	4" x 2 1/2"	NPT inlet (F) X Two NPT or hose thread outlets (M)	Rough brass
	6" x 2 1/2"		
A97 THREE WAY STRAIGHT CONNECTION	4" x 2 1/2"	NPT inlet (F) X Three NPT or hose thread outlets (M)	Rough brass
	6" x 2 1/2"		

#### Technical data

- Rated pressure: 300 PSI (20,6 bar)

#### Materials

- Body: casted brass CuZn37Pb2Ni1AlFe-B in accordance with European Standard UNI EN 1982-2000 CB7535, corresponding to American Standard ASTM B30 C85700
- Tensile strength of the material in the shape of bar: min. 300 MPa
- Stress for permanent distortion R(0.2): min. 150 MPa
- Elongation: min. 15 %

#### A97 – THREE WAY OUTLETS - 4" INLET

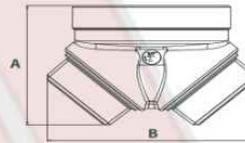
Exposed Fire Department connections, three ways outlet, female NPT inlet and male NPT or male hose threaded outlets, straight connection. Used as roof fire Department outlet connection or as pump test connection, with main feature as following

- Casted brass body
- 4" female NPT inlet
- three 2-1/2" male NPT or hose thread outlets
- Rated pressure 300 psi



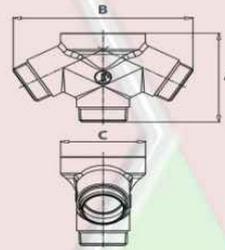
#### Dimensions

##### A97 - NPT INLET (F) x TWO NPT OR HOSE THREAD OUTLETS (M)



Size	A	B
4" x 2 1/2"	4 57/64"	6 57/64"
6" x 2 1/2"	5 23/32"	8 5/8"

##### A97 - NPT INLET (F) x THREE NPT OR HOSE THREAD OUTLETS (M)



Size	A	B	C
4" x 2 1/2"	6 21/32"	10 11/16"	5 3/64"
6" x 2 1/2"	6 57/64"	10 11/16"	7 3/32"

#### Product specifications

##### A97 – TWO WAY OUTLETS - 4" INLET

Exposed Fire Department connections, two ways outlet, female NPT inlet and male NPT or male hose threaded outlets, straight connection. Used as roof fire Department outlet connection or as pump test connection, with main feature as following:

- Casted brass body
- 4" female NPT inlet
- two 2-1/2" male NPT or hose thread outlets
- Rated pressure 300 psi

##### A97 – TWO WAY OUTLETS - 6" INLET

Exposed Fire Department connections, two ways outlet, female NPT inlet and male NPT or male hose threaded outlets, straight connection. Used as roof fire Department outlet connection or as pump test connection, with main feature as following:

- Casted brass body
- 6" female NPT inlet
- two 2-1/2" male NPT or hose thread outlets
- Rated pressure 300 psi

##### A97 – THREE WAY OUTLETS - 6" INLET

Exposed Fire Department connections, three ways outlet, female NPT inlet and male NPT or male hose threaded outlets, straight connection. Used as roof fire Department outlet connection or as pump test connection, with main feature as following

- Casted brass body
- 6" female NPT inlet
- three 2-1/2" male NPT or hose thread outlets
- Rated pressure 300 psi



## BlazeMaster®

FIRE PROTECTION SYSTEMS

### ADVANTAGES + PROVEN PERFORMANCE



Resistant to corrosion and scaling and foreign contaminant build even in salt air environments.



Greater resistance to seismic activity than copper or steel systems



Reduced installation time



Easily repaired or modified on site



Safe. Eliminates need for torches or complicated heat-fusion techniques.



Designed to 50 year Life expectancy



Simple joining method.



Lightweight. Allows greater ease of installation.



Ensure optimal flow rate and excellent hydraulic capabilities (C-Factor of 150) that will not diminish over time. Allows for pipe downsizing & Pump rate reduction.



Little to no maintenance required

### FLAME AND SMOKE RESISTANT

#### Flammability

Blazemaster® is suitable for wet, automatic, fire sprinkler system because of its excellent balance of properties such as lightweight, excellent corrosion resistance, low friction loss, and easy installation. It is unique in that it offers outstanding resistance to fire and low smoke generation qualities.

#### Burning Resistance

CPVC will not sustain burning. It must be forced to burn due to its very high Limiting Oxygen Index (LOI) of 60. LOI is the percentage of oxygen needed in an atmosphere to support combustion. Since earth's atmosphere is only 21% oxygen, CPVC will not burn unless a flame is constantly applied and stops burning when the ignition source is removed.

#### Smoke Generation

The smoke toxicity of plastic pipe is low compared with that of common building and finish materials present in homes.

### FRICION LOSS IN PIPE

A great advantage that Blazemaster® pipe enjoys over its metallic competitors is a smooth inner surface which is resistant to scaling and fouling. This means that friction pressure losses in the beginning and do not significantly increase as the systems ages, as can be the case with metal pipes subject to scaling. The Hazen-Williams formula is the generally accepted method of calculating friction head losses in piping systems. The values in the following fluid flow tables are based on this formula and a surface roughness constant of C=150 for Blazemaster® Pipe.



**LANDSEAAIR**  
TDL ECONSTRCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES



# Belden

PPr SYSTEM

*Polypropylene Pipes and Fittings*



## HOT & COLD WATERLINE SYSTEM

- HYGIENIC & NON-TOXIC
- HIGH TEMPERATURE & HIGH PRESSURE RESISTANT
- LIGHTER & SMOOTHER THAN METAL PIPES
- NON CORROSIVE AND SCALE-FREE
- RELIABLE, LONG-LASTING & CONVENIENT

**AUREA**





**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

# FULLY THREADED ROD



COATING: White Zinc Electroplated

SIZE Diameter (D) x Lenght (L)	THEAD PER INCH
1/4" x 3 mtrs	20
5/16" x 3 mtrs	18
3/8" x 3 mtrs	16
1/2" x 3 mtrs	13
5/8" x 3 mtrs	11
3/4" x 3 mtrs	10





## OSY2 Supervisory Switch

*The System Sensor OSY2 is used to monitor the open position of an Outside Screw and Yoke (OS&Y) type gate valve.*



### Features

- NEMA 3R-rated enclosure
- User-friendly mounting bracket fits newer valve yokes
- Single side conduit entry does not require right angle fittings
- Adjustable length actuator eliminates the need for cutting the shaft
- Accommodates up to 12 AWG wire
- Three position switch monitors vandal and valve close signals
- Two SPDT contacts are enclosed in a durable terminal block for added strength
- 100 percent synchronization activates both alarm panel and local bell simultaneously

**Robust Construction.** The OSY2 consists of a rugged housing, intended for indoor and outdoor use. When installed with the actuator in the vertical position, the OSY2 is NEMA 3R rated per UL.

**Application Flexibility.** The OSY2 features a user-friendly mounting bracket and adjustable shaft to permit mounting to most OS&Y valves, ranging in size from 1" to 12". Its right angle design and wide bracket span provides maximum clearance for valve components, to accommodate troublesome valves. Removing the OSY2's gate valve bracket allows the unit to monitor side-bracket-style pressure reducing valves.

**Simplified Operation.** Installation is made easier with the OSY2's single side conduit entrance. By providing a direct conduit pathway to the electrical source, right angle fittings are not required. Installation is further simplified by the OSY2's adjustable length actuator, which eliminates the need for cutting the shaft.

**Reliable Performance.** The OSY2 is equipped with tamper-resistant cover screws to prevent unauthorized entry. Inside, two sets of SPDT (Form C) synchronized switches are enclosed in a durable terminal block to assure reliable performance.

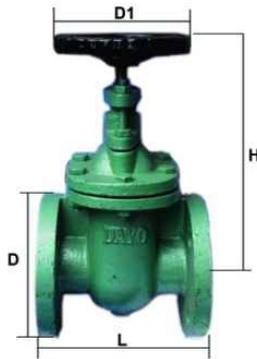
### Agency Listings



## DAYO VALVE CORP. - JAPAN

### Cast Iron Gate Valve (Non-Rising Stem)

### ANSI 125PSI/200 WOG



Primary Service Pressure Non-shock (psi)	Hydrostatic Test Pressure	
	Shell	Seat
125	300	200

200psi WOG(Water, Oil, Gas) 65°C  
125psi Saturated Steam  
Face to Face: ASME B16.10 Class 125  
Solid Wedge Disc  
Bolted Bonnet, inside Screw, Non-Rising Stem

SPECIFICATIONS	
Part	Material
BODY	Cast Iron A126 CL B
BONNET	Cast Iron A126 CL B
DISC	Cast Iron A126 CL B
STEM	Stainless Steel
GLAND	Ductile Iron
HANDWHEEL	Cast Iron A126 CL B
DISC SEAT RING	Bronze B62
BODY SEAT RING	Bronze B62
PACKING	Non-Asbestos

#### DIMENSION

Size	1 1/2"	2	2 1/2"	3	4	5	6	8	10	12	14
mm	40	50	65	80	100	125	150	200	250	300	350
L	165	178	190	200	228	250	267	292	330	354	383
H	220	252	270	290	365	420	455	575	686	782	910
D	127	152	178	190	229	254	279	343	406	483	533
D1	150	150	170	190	215	240	275	335	380	430	500

### Cast Iron Gate Valve (Rising Stem)

### ANSI 125PSI/200 WOG



Primary Service Pressure Non-shock (psi)	Hydrostatic Test Pressure	
	Shell	Seat
125	300	200

200psi WOG(Water, Oil, Gas) 65°C  
125psi Saturated Steam  
Face to Face: ASME B16.10 Class 125  
Solid Wedge Disc  
Bolted Bonnet, inside Screw Rising Stem

SPECIFICATIONS	
Part	Material
BODY	Cast Iron A126 CL B
BONNET	Cast Iron A126 CL B
DISC	Cast Iron A126 CL B
STEM	Stainless Steel
GLAND	Ductile Iron
HANDWHEEL	Cast Iron A126 CL B
DISC SEAT RING	Bronze B62
BODY SEAT RING	Bronze B62
PACKING	Non-Asbestos

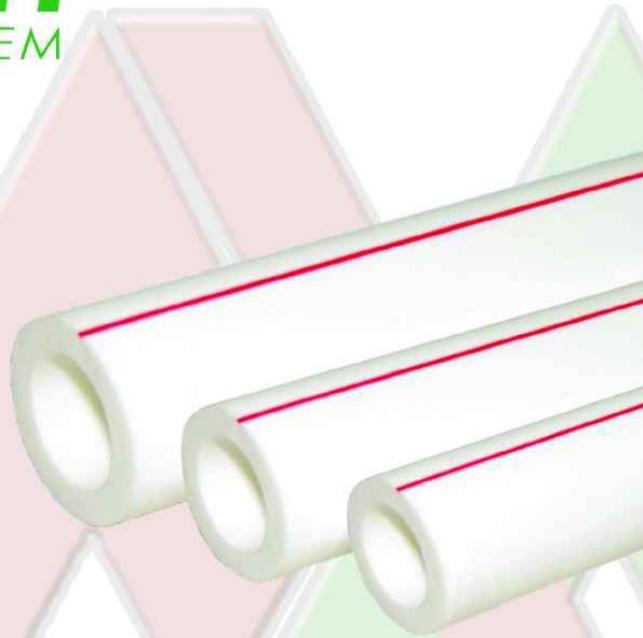
#### DIMENSION

Size	2	2 1/2"	3	4	5	6	8	10	12	14
mm	50	65	80	100	125	150	200	250	300	350
L	180	190	200	230	250	270	290	330	350	383
H	267	280	300	405	460	560	705	880	1100	1270
D	152	178	190	229	254	279	343	406	483	533
D1	150	170	190	220	235	295	335	380	430	500

## Belden

### PPr SYSTEM

Unitec Belden PP-R pipe is made of high quality Polypropylene Random Co-polymer raw materials; it meets the European and ISO standard for waterline requirements. The hot melting homogeneity of the pipe guarantees no leakage with its 50 years usage. Unitec Belden PP-R plumbing pipe system is suitable for all different qualities of potable water application.



#### Unitec Belden PP-R Pipe Specifications

Material: Polypropylene Random  
 Color: White  
 Related References: ISO 15874; DIN 8077/8078

OUTSIDE DIAMETER (mm)	PN 10		PN 16		PN 20		*PN 25	
	SERIES 5.0		SERIES 3.2		SERIES 2.5		SERIES 2.0	
	SDR 11		SDR 7.4		SDR 6		SDR 5	
	t (mm)	mass (kg/m)						
20	1.9	0.107	2.8	0.148	3.4	0.172	4.1	0.198
25	2.3	0.164	3.5	0.23	4.2	0.266	5.1	0.307
32	2.9	0.261	4.4	0.37	5.4	0.434	6.5	0.498
40	3.7	0.412	5.5	0.575	6.7	0.671	8.1	0.775
50	4.6	0.638	6.9	0.896	8.3	1.04	10.1	1.21
63	5.8	1.01	8.6	1.41	10.5	1.65	12.7	1.91
75	6.8	1.41	10.3	2.01	12.5	2.34	15.1	2.7
90	8.2	2.03	12.3	2.87	15.0	3.36	18.1	3.88
110	10	3.01	15.1	4.3	18.3	5.01	22.1	5.78

\*Note: Customized order  
 \*Reference : Table 2 ; Section 5.2 ; Page 8 ; DIN 8077 ; 2008-09  
 \*\* Standard Pipe length = 4m

## B.I / G.I WELDED FITTINGS

Sch. 40 Standard, Class 150



**Elbow 90°**

Size	
1/2" (15mm)	8" (200mm)
3/4" (20mm)	10" (250mm)
1" (25mm)	12" (300mm)
1 1/4" (32mm)	14" (350mm)
1 1/2" (40mm)	16" (400mm)
2" (50mm)	18" (450mm)
2 1/2" (65mm)	20" (500mm)
3" (75mm)	24" (600mm)
4" (100mm)	
6" (150mm)	



**Elbow 45°**

Size	
2 1/2" (65mm)	12" (300mm)
3" (75mm)	14" (350mm)
4" (100mm)	16" (400mm)
6" (150mm)	18" (450mm)
8" (200mm)	20" (500mm)
10" (250mm)	24" (600mm)



**Equal Tee**

Size	
1/2" (15mm)	3" (75mm)
3/4" (20mm)	4" (100mm)
1" (25mm)	6" (150mm)
1 1/4" (32mm)	8" (200mm) IMPORTED
1 1/2" (40mm)	10" (250mm) IMPORTED
2" (50mm)	12" (300mm) IMPORTED
2 1/2" (65mm)	14" (350mm) IMPORTED



**Tee Reducer**

Size	
2 1/2" (65mm)	
3" (75mm)	
4" (100mm)	
5" (125mm)	
6" (150mm)	
8" (200mm)	IMPORTED

## B.I / G.I WELDED FITTINGS

### Sch. 40 Standard, Class 150



**Concentric Reducer**

**Eccentric Reducer**

**Size**

- 1"(25mm) x 3/4"(20mm)
- 1 1/4"(32mm) x 1"(25mm)
- 1 1/2"(40mm) x 1 1/4"(32mm)
- 1 1/2"(40mm) x 1"(25mm)
- 2"(50mm) x 1 1/2"(40mm)
- 2"(50mm) x 1 1/4"(32mm)
- 2"(50mm) x 1" (25mm)
- 2 1/2"(65mm) x 1"(25mm) IMPORTED
- 2 1/2"(65mm) x 2"(50mm)
- 2 1/2"(65mm) x 1 1/2"(40mm)
- 2 1/2"(65mm) x 1 1/4"(32mm)
- 3"(75mm) x 1"(25mm)
- 3"(75mm) x 1 1/2"(40mm)
- 3"(75mm) x 2"(50mm)
- 3"(75mm) x 2 1/2"(65mm)
- 4"(100mm) x 2"(50mm)
- 4"(100mm) x 2 1/2"(50mm)

- 4"(100mm) x 3"(75mm)
- 5"(125mm) x 2"(50mm)
- 5"(125mm) x 2 1/2"(65mm)
- 5"(125mm) x 3"(75mm)
- 5"(125mm) x 4"(100mm)
- 6"(150mm) x 2"(50mm)
- 6"(150mm) x 2 1/2"(65mm)
- 6"(150mm) x 3"(75mm)
- 6"(150mm) x 4"(100mm)
- 6"(150mm) x 5"(125mm)
- 8"(200mm) x 5"(125mm)
- 8"(200mm) x 6"(150mm) IMPORTED
- 10"(250mm) x 5"(125mm)
- 10"(250mm) x 6"(150mm)
- 10"(250mm) x 8"(200mm)
- 12"(300mm) x 8"(200mm)
- 12"(300mm) x 10"(250mm) IMPORTED
- 14"(350mm) x 12"(300mm)

**Size**

- 4"(100mm) x 2"(50mm) IMPORTED
- 6"(150mm) x 2 1/2"(65mm) IMPORTED
- 6"(150mm) x 3"(75mm) IMPORTED
- 6"(150mm) x 4"(100mm) IMPORTED

# B.I / G.I WELDED FITTINGS

Sch. 40 Standard, Class 150



**Blind Flange**

**Size**

1/2" (15mm)	8" (200mm)
3/4" (20mm)	10" (250mm)
1" (25mm)	12" (300mm)
1 1/4" (32mm)	14" (350mm)
1 1/2" (40mm)	16" (400mm)
2" (50mm)	18" (450mm)
2 1/2" (65mm)	20" (500mm)
3" (75mm)	24" (600mm)
4" (100mm)	
6" (150mm)	



**Slip on Flange**

**Size**

1/2" (15mm)	8" (200mm)
3/4" (20mm)	10" (250mm)
1" (25mm)	12" (300mm)
1 1/4" (32mm)	14" (350mm)
1 1/2" (40mm)	16" (400mm)
2" (50mm)	18" (450mm)
2 1/2" (65mm)	20" (500mm)
3" (75mm)	24" (600mm)
4" (100mm)	
6" (150mm)	



**Threaded Flange**

**Size**

1/2" (15mm)
3/4" (20mm)
1" (25mm)
1 1/4" (32mm)
1 1/2" (40mm)
2" (50mm)
2 1/2" (65mm)
3" (75mm)
4" (100mm)
5" (125mm)
6" (150mm)



**End Cap**

**Size**

1 1/2" (40mm)
2" (65mm)
2 1/2" (65mm)
3" (75mm)
4" (100mm)
5" (125mm)
6" (150mm)
8" (200mm)
10" (250mm)



**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

## OTHER SERVICES



## AERIAL MAPPING and LAND SURVEY



**AUREA**





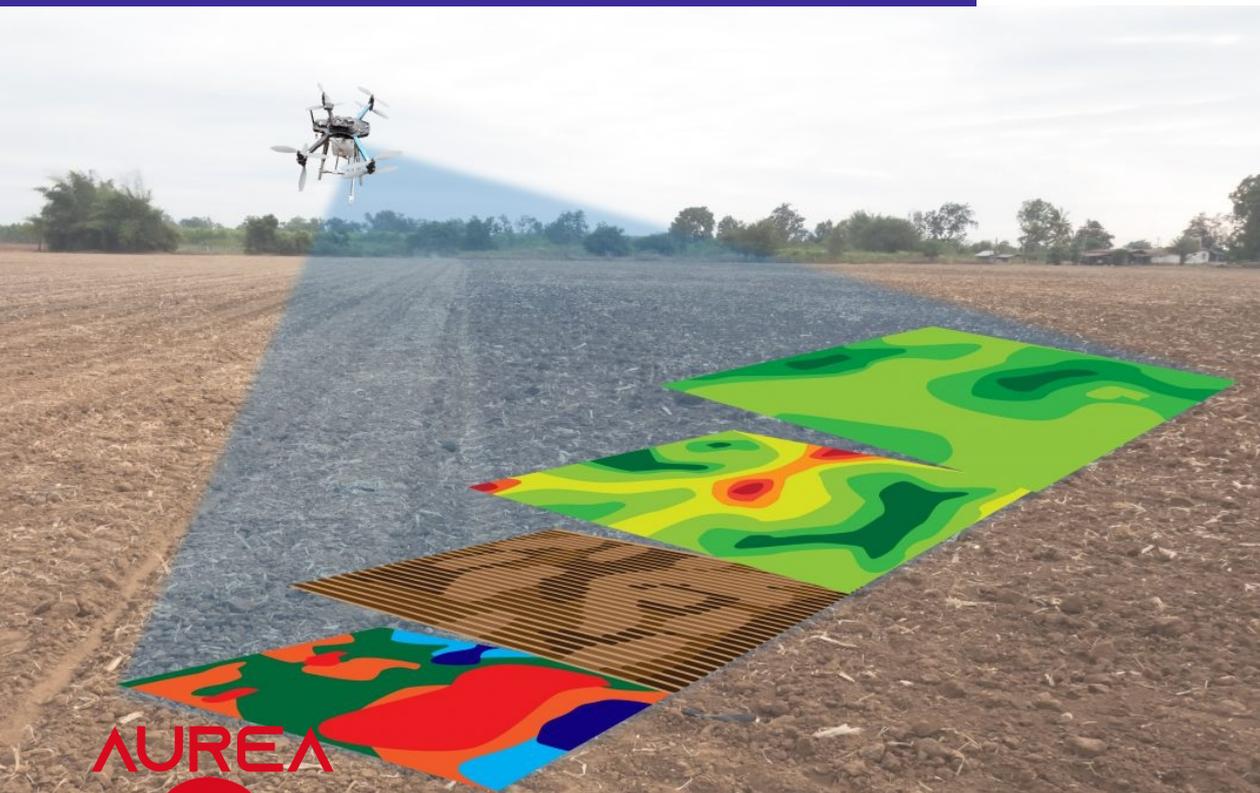
**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

## OTHER SERVICES



## GROUND PENETRATING RADAR





**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

## VEHICLE MANAGEMENT SYSTEM INSTALLATION



## AUTOMATIC BOOM BARRIER and PARKING SYSTEM



## LICENSE PLATE RECOGNITION VEHICLE IDENTIFICATION SYSTEM





**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

## IP CAMERA INSTALLATION



**AUREA**





**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

# SOLAR PANEL INSTALLATION

## DEVICE SETS ALSO AVAILABLE FOR E-BIKE AND VEHICLE





**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

## DRIVING SIMULATOR DEVICE INSTALLATION



**AUREA**





**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

## STREAMING SETUP BASIC and CAPSULE



**LIVE ONLINE SHOPPING**  
**LIVE ONLINE GAMES**  
**LIVE ONLINE EDUCATION**





# LANDSEAAIR

TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES



logitech

**THRUSTMASTER®**



## FLIGHT SIMULATOR INSTALLATION



## FULL FLIGHT SIMULATOR NEXT LEVEL *imported*

AUREA





**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES



*NEWEST TECHNOLOGY*

# VR FULL BRIDGE SIMULATOR DEVICE AND SOFTWARE INSTALLATION



AUREA





**LANDSEAAIR**  
TDL ECONSTRUCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

# FULL BRIDGE SIMULATOR DEVICE AND SOFTWARE INSTALLATION



**DESIGN FOR MARITIME INSTITUTES and TRAINING CENTERS**

**AUREA**





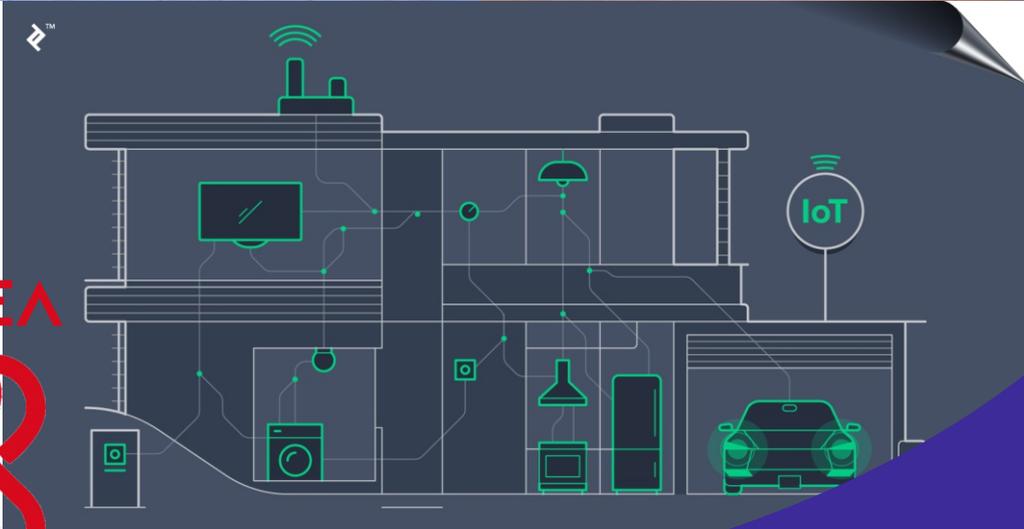
**LANDSEAAIR**  
TDL ECONSTRCTIONS VENTURES CORP

- LOGISTICS
- TRADING
- INDUSTRIAL
- CONSTRUCTIONS
- SUPPLIES

# SMART HOME/OFFICE/WAREHOUSE AUTOMATION



AUREA



# CONTACT US

SEND US YOUR ORDER



***For more information of product & services...***

**Mobile Numbers:**

-  (02) 8255 1402 / +639 27-594-2261
-  [mhel@aurea888.com](mailto:mhel@aurea888.com) / [aurea888construction@gmail.com](mailto:aurea888construction@gmail.com)
-  [www.aurea888.com](http://www.aurea888.com)

<https://www.facebook.com/landseair.group>  
<https://www.facebook.com/landseairlogistics>



## ALLRIGHTS RESERVED

[WWW.LANDSEAIR.BIZ](http://WWW.LANDSEAIR.BIZ)

# 2025

DISCLAIMER: "The photographs used on this website are for illustrative purposes only. Any person depicted in the photos is a model and is used solely for representation. The photos are not meant to suggest or imply any endorsement or affiliation with the website, its products or services. All rights reserved. Unauthorized use, reproduction, or distribution of these photographs is strictly prohibited."

### AUREA

