

○

STORE FRONT AND  
CURTAINWALL OF NEXT  
GENERATION

E'z @easy

○



## CURTAIN WALL

IT CAN BE USED FOR LOW-MID RISED BUILDINGS.



E'Z @easy CAN BE DESIGNED MEETING  
THE USEAGE OF EVERY BUILDING SUCH AS  
COMMERCIAL BUILDINGS,CONDOS AND SHOPS.



## CONTENTS

Job references photos

Product features

Product specification

Product structure

Color variation and features

Product limitation

Technical documents

## STORE FRONT

IT CAN BE USED FOR SMALL SIZED SHOPS AND  
SHOWROOMS.

## JOB REFERENCES PHOTOS



PROJECT 2007 : HOURIN (JAPAN)

## JOB REFERENCES PHOTOS



PROJECT 2006 : McDonald's Yokaichiba (JAPAN)



## JOB REFERENCES PHOTOS



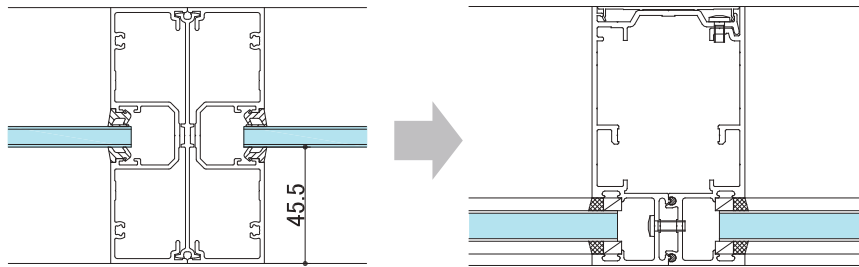
PROJECT 2006 : VERY (JAPAN)

## PRODUCT FEATURES

### FLAT DESIGN WITH THE GLASS SET AT FRONT

Standard type

E'z @easy



Out side

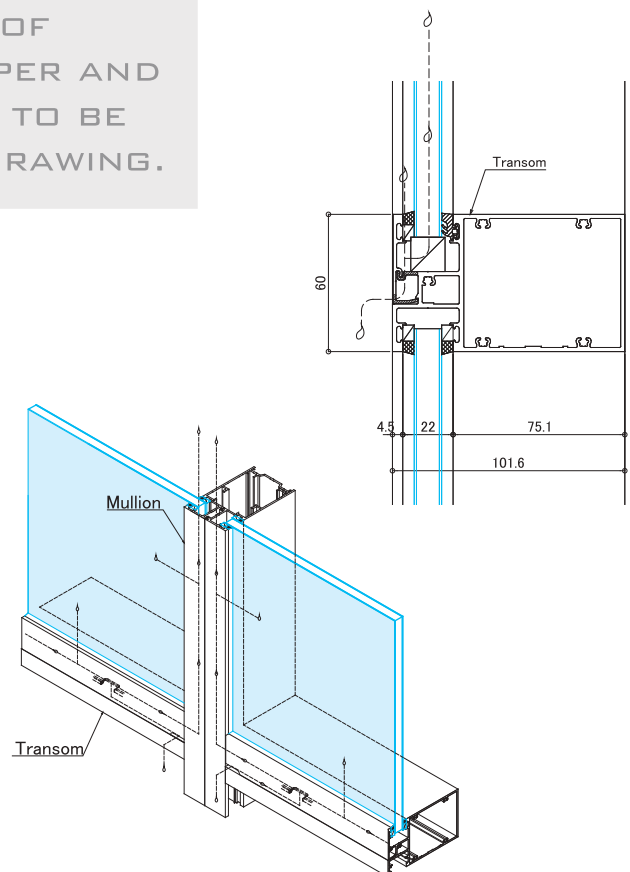
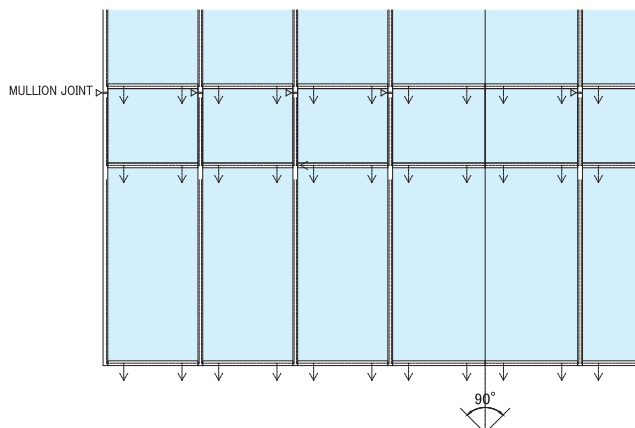
Out side



BEAUTIFUL APPEARANCE IS CREATED AS GLASS AND FRAME ARE FLUSH

## DRAIN SYSTEM

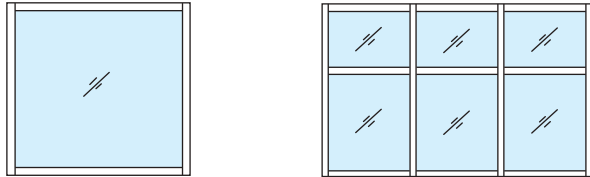
WATER LEAKED INTO THE INSIDE OF GLASS GROOVES OF MULLION, UPPER AND BOTTOM FRAME AND TRANSOM IS TO BE DRAINED AS SHOWN ON BELOW DRAWING.



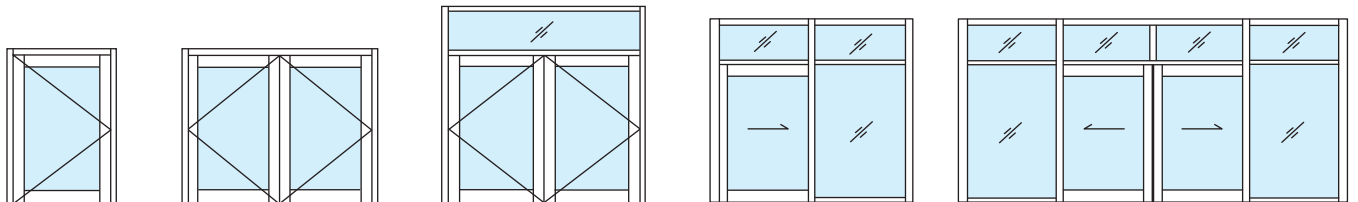
## PRODUCT FEATURES

## DESIGN PATTERNS EXAMPLES

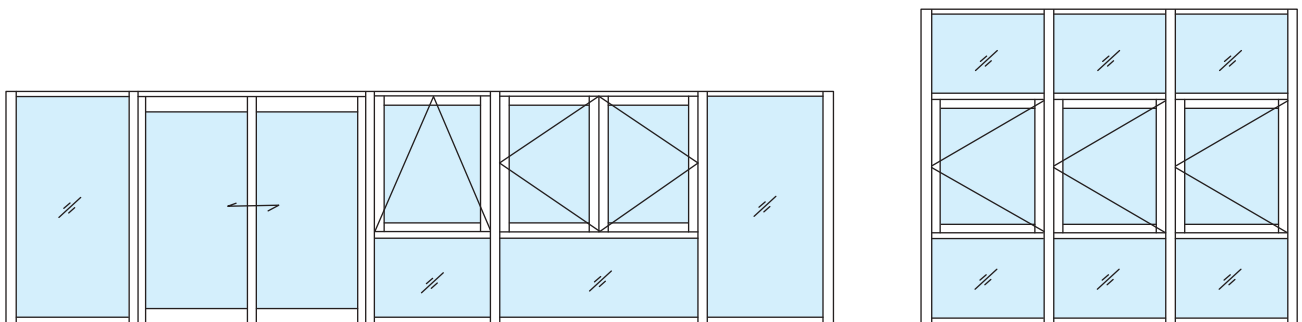
## 1. FIX



## 2. HINGED DOOR AND SLIDEDOOR



## 3. COMBINATION EXAMPLES(P7 AND PRO-SE)



E'z

P7

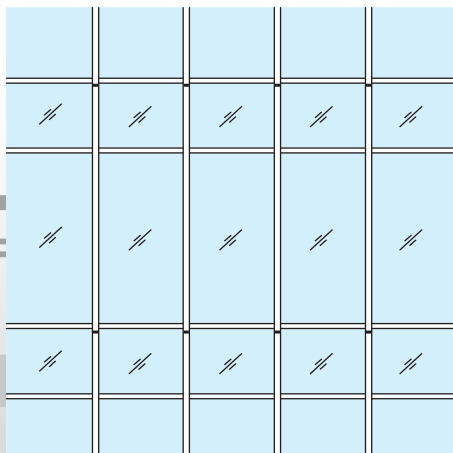
P7

P7

E'z

E'z + PRO-SE

## 4. CURTAIN WALL





## PRODUCT SPECIFICATION

## PRODUCTS PATTERN

| Type         | Mullion Size (mm) |            | Glass opening (mm) | Glass Thickness (mm) |
|--------------|-------------------|------------|--------------------|----------------------|
|              | Face measure      | Depth      |                    |                      |
| Store front  | 60                | 100        | 22                 | 12                   |
| Curtain wall | 60                | 100<br>200 | 22                 | 12                   |

## PERFORMANCE TABLE

JIS A 4706 • JIS A 4702

| Wind load pressure resistance | Air tightness | Water tightness |
|-------------------------------|---------------|-----------------|
| S-3<br>(1600pa)               | A-4           | W-5<br>(500pa)  |

JIS : Japan Industrial Standard



JIS(Japanese Industrial Standard) is national standard enacted based on Industrial Standardization Law(1950) for the purpose of acceleration for our national industrial standardization.

## PRODUCT STRUCTURE

JIS A 4706 • JIS A 4702

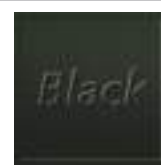
| E'z @easy | Type              | Variety     | Future  |
|-----------|-------------------|-------------|---|
|           | Store front type  | 100 FIX     | Glass opening 22 mm<br>Glass thickness 12 mm<br>Marion Face 60 mm   |
|           | Curtain wall type | 100 FIX     |   |
|           |                   | 200 FIX     |   |
|           | Entrance door     | Top hinge   | Glass opening 16 mm<br>Glass thickness 8 mm<br>Frame size<br>Top and Bottom 40x100 mm<br>Length 40x 80 mm |
|           |                   | Floor hinge |   |
|           |                   | Auto door   |   |
|           |                   | Ractus      |   |
|           | Project window    | Standard    | Possible to connect combination is free   |
|           |                   | P7          |   |
|           |                   | PRO-SE      |   |

## COLOR TYPES

Standard colors



Custom-made color



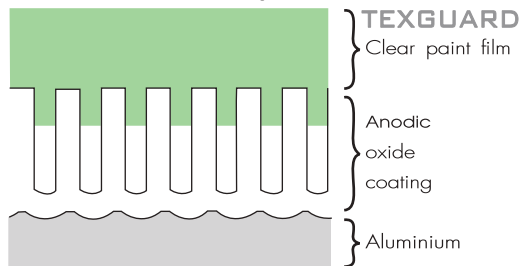
## PRODUCT SPECIFICATION

### SURFACE TREATMENT COLOR WITH ADVANCED TECHNOLOGY "TEXGUARD"

Tostem Thai Co.,Ltd. produce trusty product by high-technology with advanced production system and strick qualify control on Japanese standard.

#### Feature

Details of combined coating



NON-GLOSS FINISH TYPE and CLEARER FINISH TYPE consist of by combined coating of anodic and organic film, It is surface treatment technique with synthetic resin paint on baking finish over anodic oxide coating.

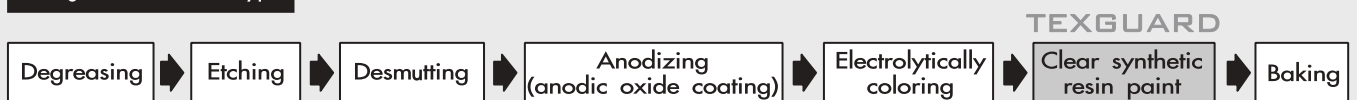
The surface color has stable color tone which realizes graceful appearance. Also, our surface treatment technique realize wide range of color tone from light color to dark color in bronze color mode, and Ivory white color and Autumn brown color by using pigments.



TOSTEM creates TEXGUARD by improving the combination of molecules in surface paint.

## SURFACE TREATMENT PROCESS

Non-gloss and Cleare type



## TEXGUARD STRUCTURE

Molecule structure image of old products

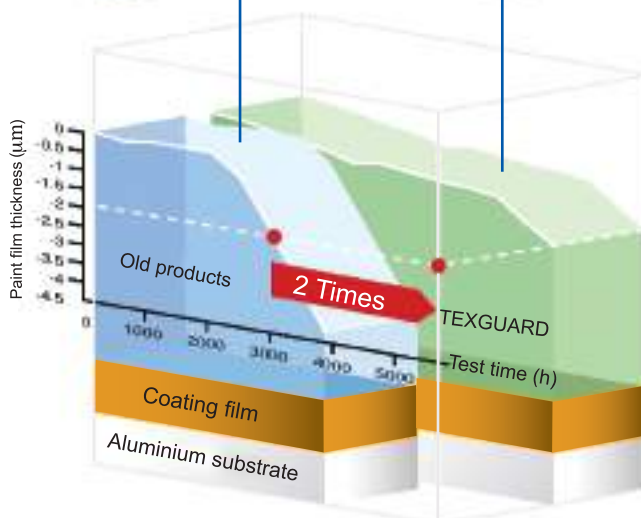


Molecule structure image of TEXGUARD



Deterioration-proof agents

Many bridges between molecules

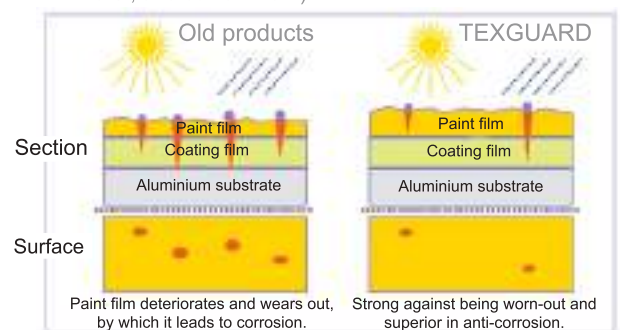


## CHARACTERISTICS

■ Frame of aluminium that corrodes by use for a long term because of severe environment



■ Effect image of TEXGUARD (Influence of light, heat, water, and contaminant)



## PRO-SE

BUILDING SASH OF NEXT GENERATION  
PRO-SE CAN BE ASSEMBLED  
ONTO E'Z @easy



### DESIGN PATTERNS

| Double/single sliding window   | Casement/vertical projected window   |
|--|--|
|  |  |

### UNIVERSAL DESIGN



Flush pull



Crescent sash lock



Double roller

Please refer to PRO-SE catalogue for detailed contents.

## PARTS FEATURES

THE "HG TYPE" IS A HIGH-END FLOOR HINGE.

HG TYPE FLOOR HINGE IS SUPERIOR IN DURABILITY, WATER PROOF PERFORMANCE, INSTALLATION PERFORMANCE AND MAINTENANCE PERFORMANCE.



HG type floor hinge



Make screw thread.



To make screw thread on arm cover to improve the water-proof performance.



Water-proof sheet



Case thickness, 2.3 mm improves the stiffness and prevent the deformation. Special oil is applied to lower the temperature change affect and reduce the maintenance.

### DURABILITY

Hexagon bolts are used for floor hinge arm to improve the durability of the door.



Floor hinge arm



Hexagon head bolt

### SAFETY

Cover plate is applied to prevent the door from falling off by wrong operation.



Old products



HG type



## P7



P7 CAN BE ASSEMBLED ONTO E'z @easy  
P7 ARE RESIDENTIAL WINDOWS WHICH  
HAVE 7 FEATURES.



Water Proof



Air Proof



Safe &amp; Secure



Installation Time Saving



Sound Proof



Windloading Resistance

Easy Handling  
Easy Cleaning**PG**

The type on which pair glass  
superior in insulation  
performance can be glazed.

**SG**

The type on which laminated  
glass superior in a crime  
prevention and safety  
performance can be glazed.

**CT**

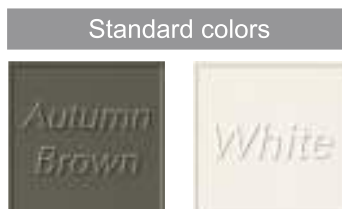
Standard sash of simple design that pursues  
basic function.



## PERFORMANCE TABLE

|       | Wind load pressure resistance | Air tightness | Water tightness | Sound proof | Heat insulating character |
|-------|-------------------------------|---------------|-----------------|-------------|---------------------------|
| PG/SG | S-3<br>(1600pa)               | A-4           | W-4<br>(350pa)  | T-1         | H-2 (PG)                  |
| CT    | S-2<br>(1200pa)               | A-3           | W-3<br>(250pa)  | -           | -                         |

## COLOR TYPES

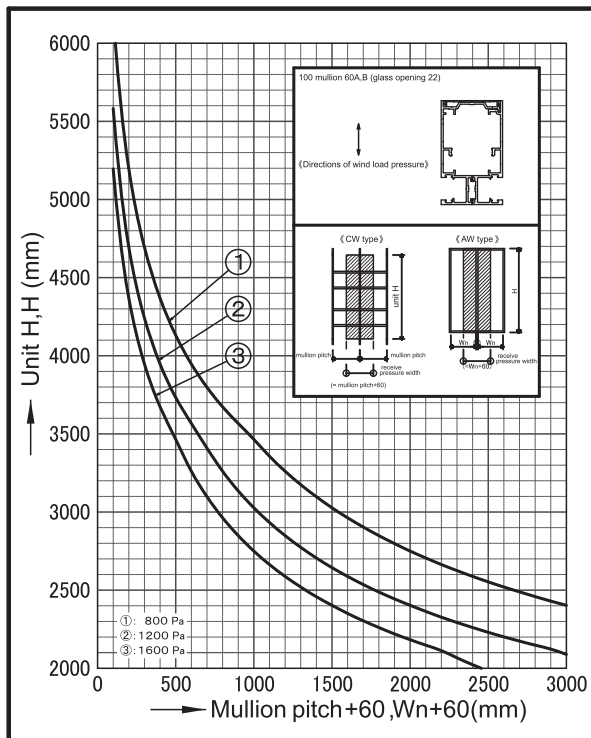


Please refer to P7 catalogue for detailed contents.

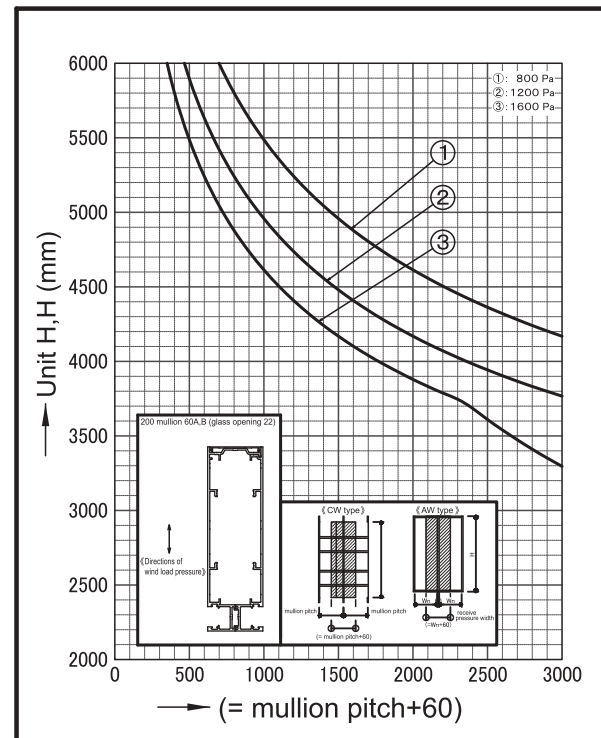
## RANGE OF PRODUCTION

## WIND PRESSURE STRENGTH LIMITATION GRAPH

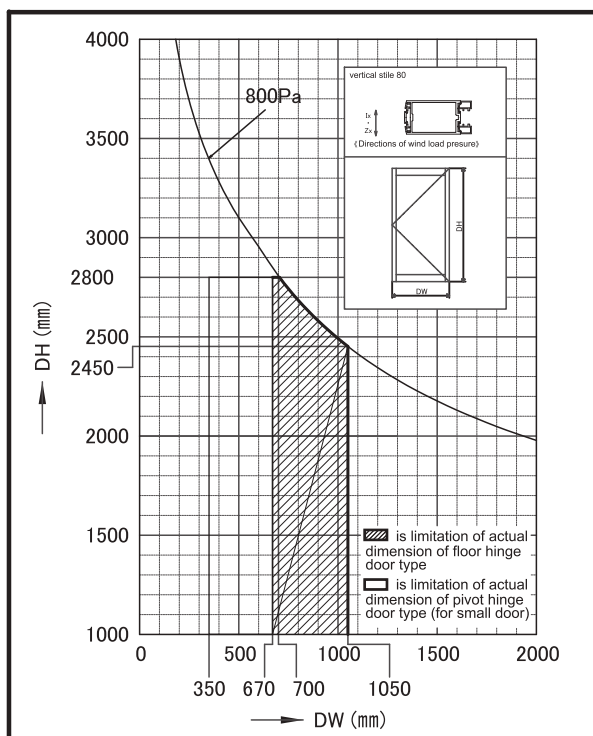
100 mullion 60 wind pressure resistance strength limitation graph



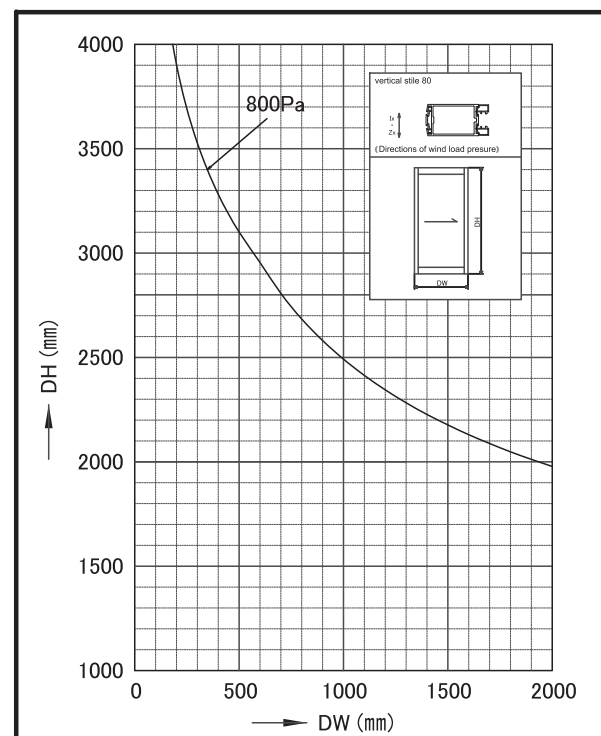
200 mullion 60 wind pressure resistance strength limitation graph



Floor hinge vertical sash frame80 wind pressure resistance strength limitation graph



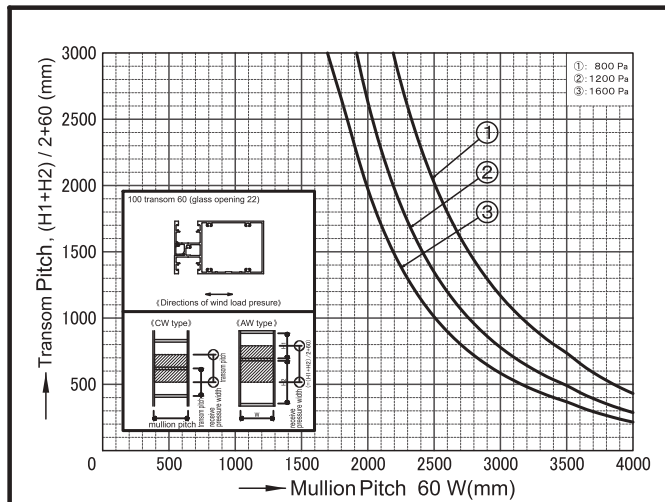
Sliding vertical sash frame80 wind pressure resistance strength limitation graph



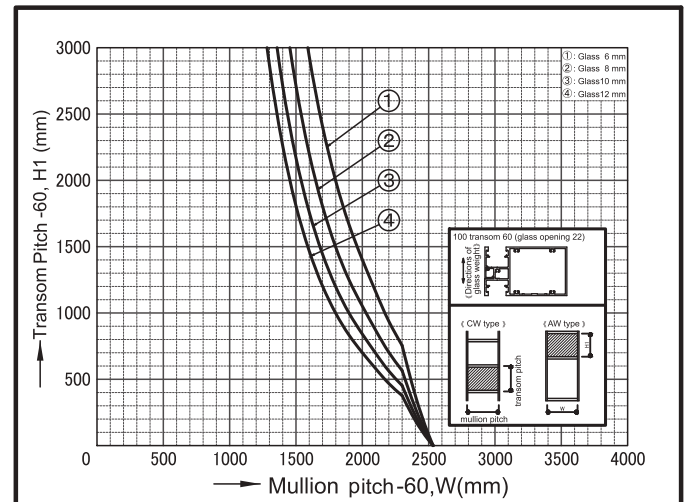
# RANGE OF PRODUCTION

## WIND PRESSURE STRENGTH LIMITATION AND WEIGHT LOADING STRENGTH LIMITATION GRAPH

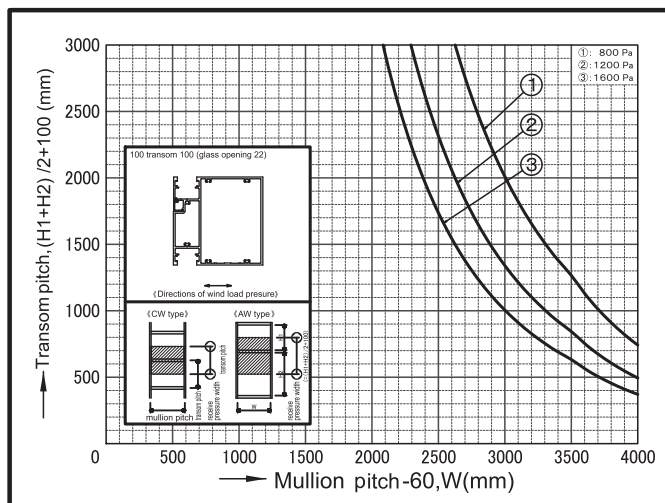
100 transom 60 wind pressure  
resistance strength limitation graph



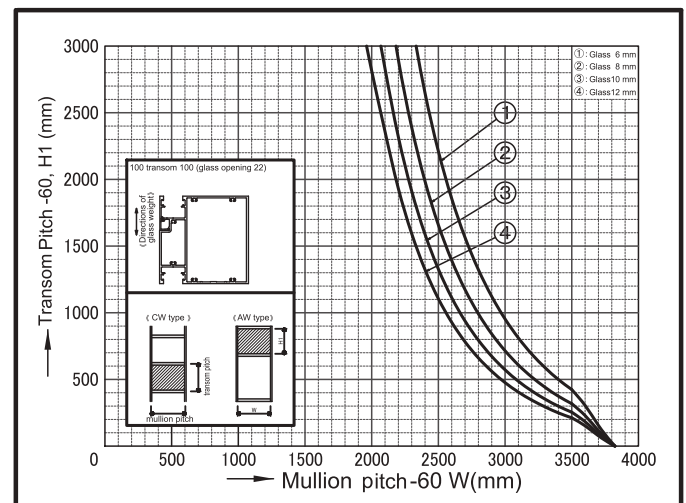
100 transom 60 weight loading  
strength limitation graph



100 transom 100 wind pressure  
resistance strength limitation graph



100 transom 100 weight loading  
strength limitation graph







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