

**PSP**  
**IND**  **LAST**  
The Smart Choice

*Conforming to*  
**GERMAN STANDARDS**



**EXTRA**

**HIGH UV RESISTANT**

**uPVC windows & doors system**

An ISO 9001:2015 ISO 14001:2015 ISO 45001:2018 Certified Organization

# CASEMENT INDO-100 SERIES



## EASY MAINTENANCE

INDOPLAST windows are dust resistant and easy to maintain with normal soap water.

INDOPLAST windows are completely maintenance free.

## CLASS-B WALL THICKNESS 2.5 MM

INDOPLAST fully meets the Class B category standards with 2.5 mm outer wall thickness. This makes INDOPLAST windows superior.

## WATER TIGHTNESS

The INDOPLAST uPVC windows do not allow any water leakage, no matter how heavy the rainstorm is.

INDOPLAST windows are tested in winwall Technology Laboratory.

## SOUND INSULATION

Not only do they provide thermal insulation but also special sound insulation.

INDOPLAST profile are multichambered and using good quality of EPDM gasket in our windows

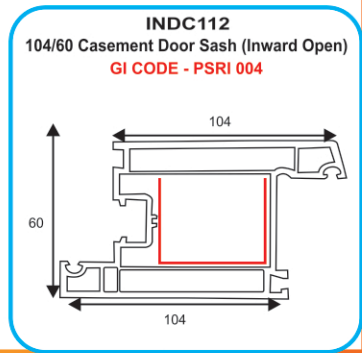
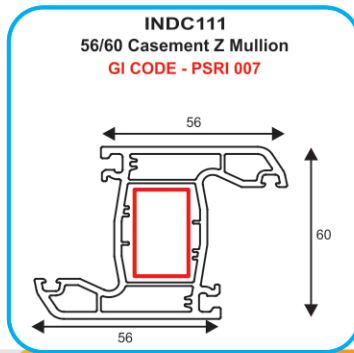
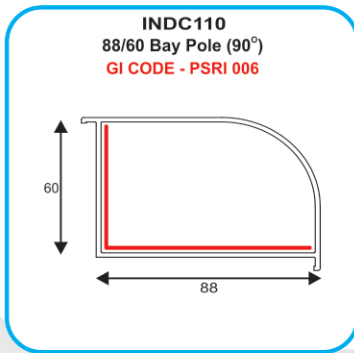
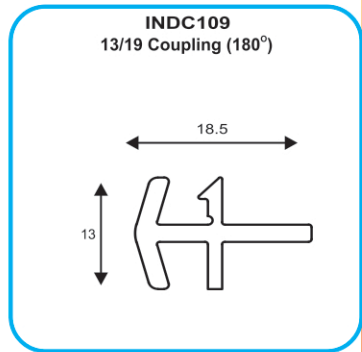
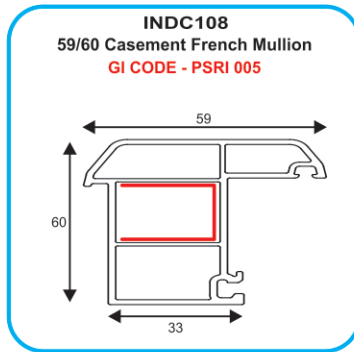
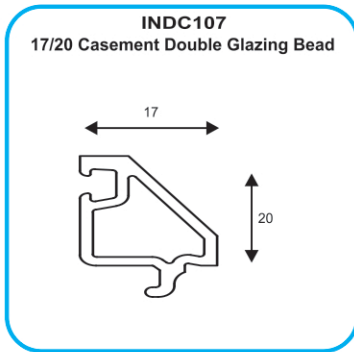
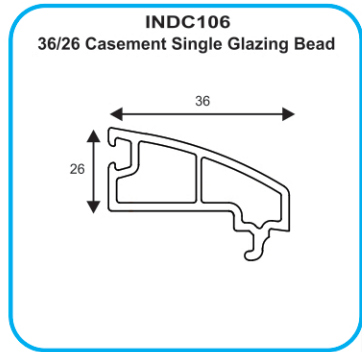
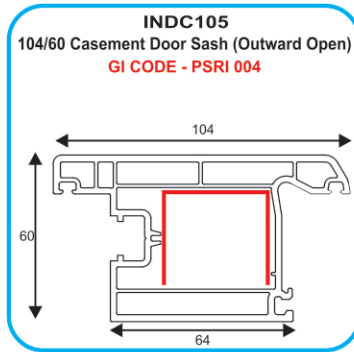
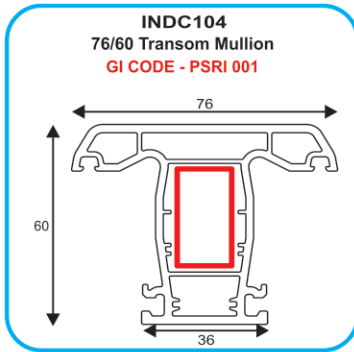
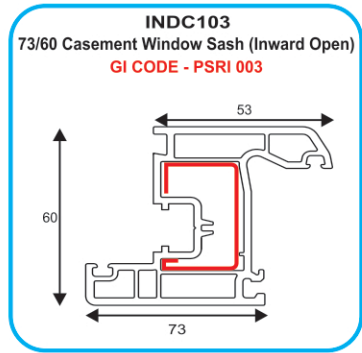
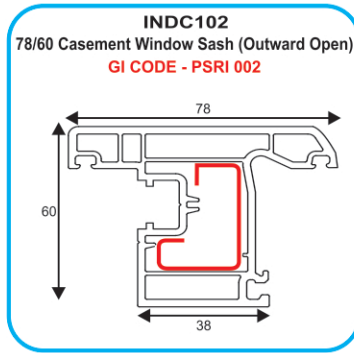
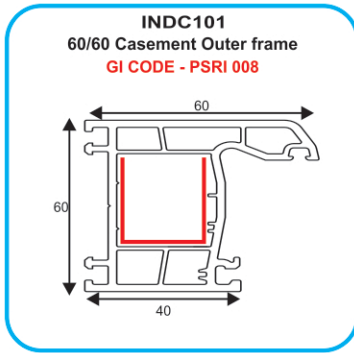
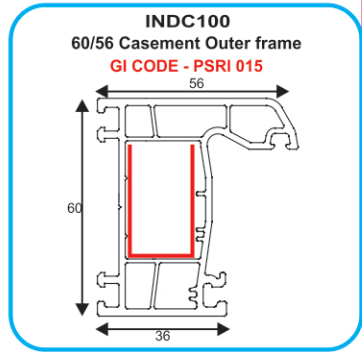
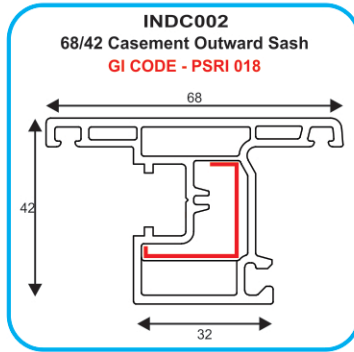
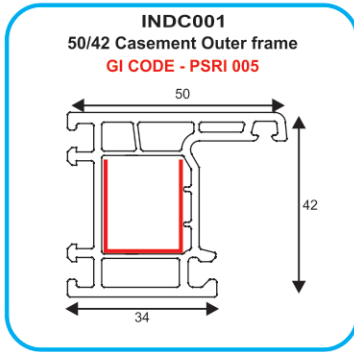
## HIGH SECURITY

INDOPLAST uPVC windows fitted with security hardware, burglar-proof glass and locking handles prevent most burglaries.

INDOPLAST High Security windows may designed as per the customer's need.

## DUST PROOFING

Thermoglaze double glazed window and doors system do not require repainting and costly maintenance.



# SLIDING INDO-200 SERIES

## Special features

### WEATHER RESISTANCE

INDOPLAST is ongoing development of window technology gives you a long lasting quality product. INDOPLAST windows are specially developed keeping in mind for long exposures to sun, rain wind & moisture cannot affect window or durability.

### FIRE RETARDANT

INDOPLAST windows are fire retardant and after removing of the source of the fire it will be automatically distinguish within a 60 seconds. The INDOPLAST windows will not help to propagate the fire since the oxygen index of the dryblend is very very low.

### EXTRA UV RESISTANCE

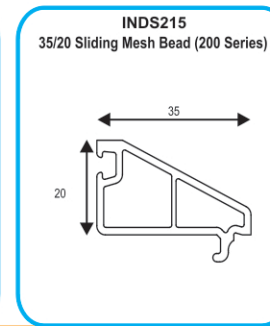
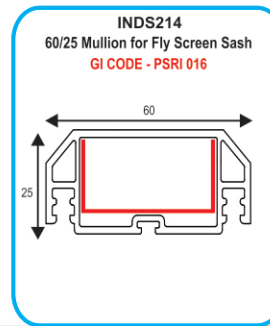
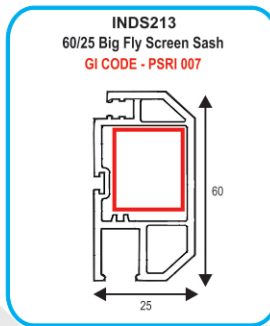
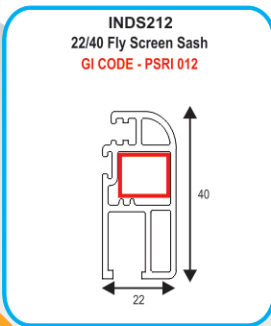
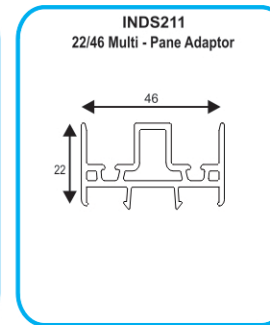
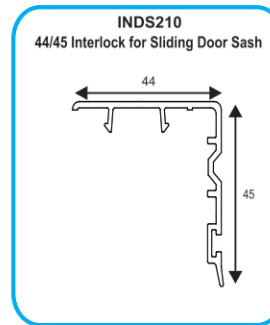
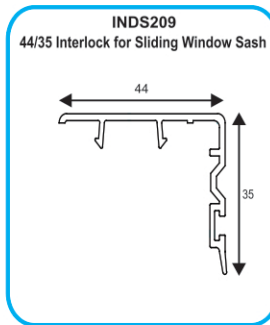
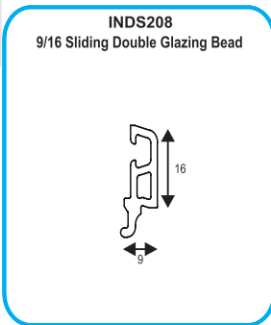
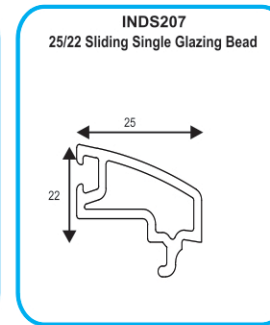
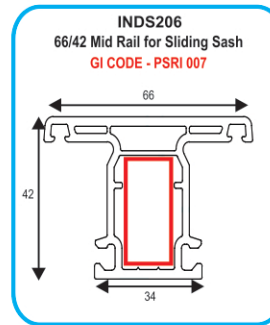
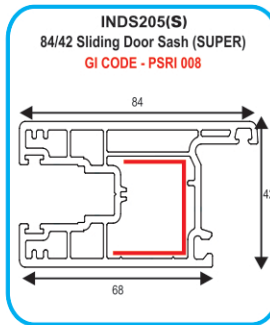
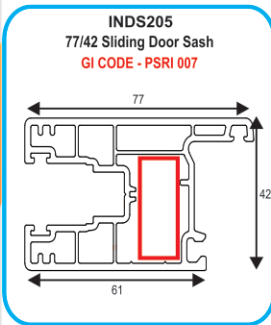
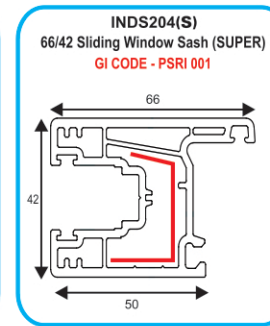
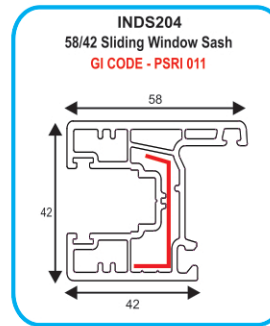
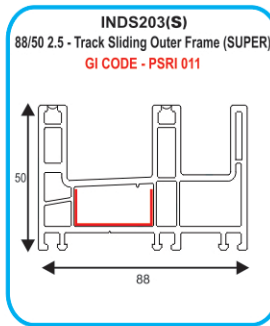
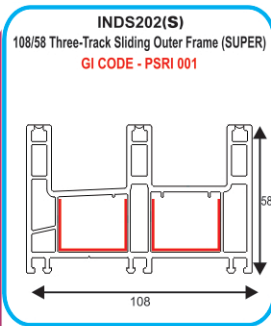
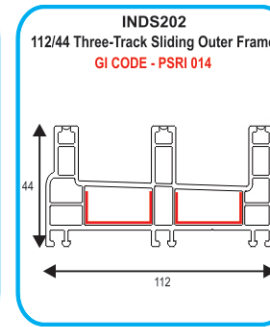
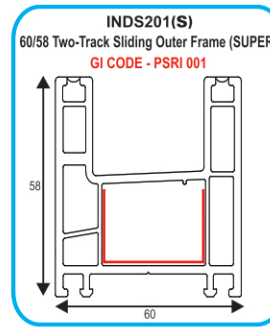
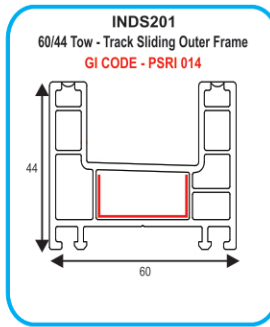
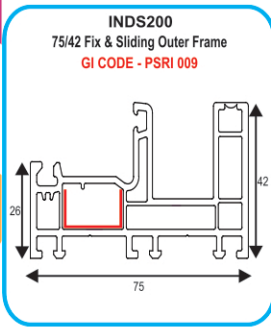
INDOPLAST windows offer high UV resistance with 8 PHR of Titanium Dioxide, which helps in retaining whiteness against exposure to sun. INDOPLAST profiles is specially designs for Indian tropical climatic condition.

### HIGH WIND PRESSURE

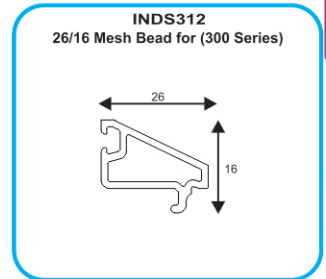
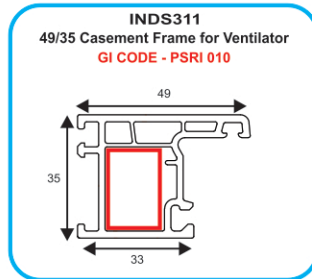
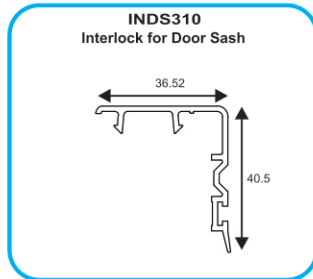
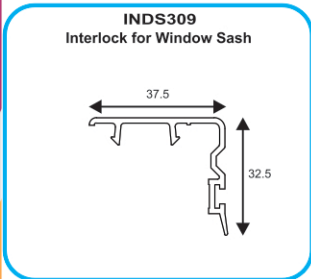
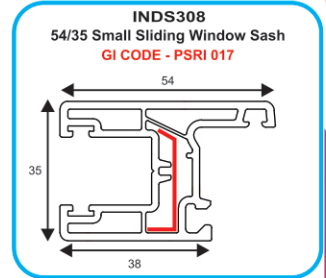
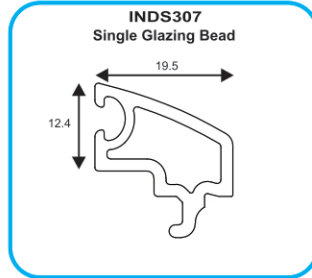
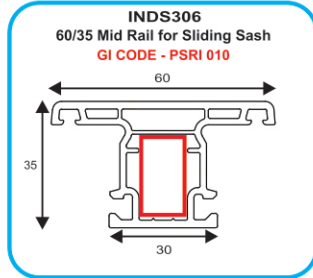
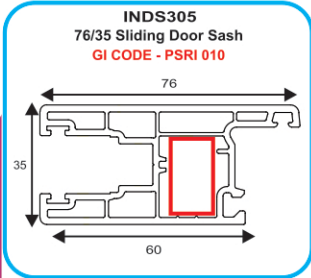
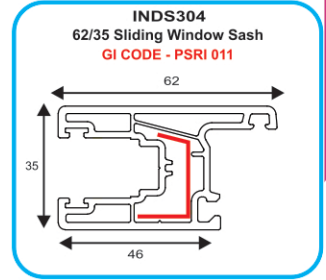
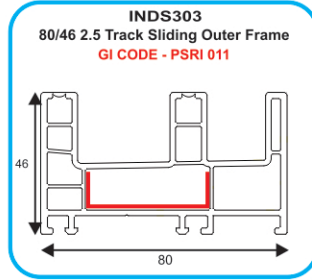
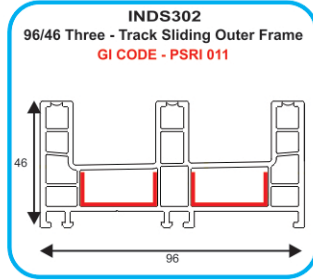
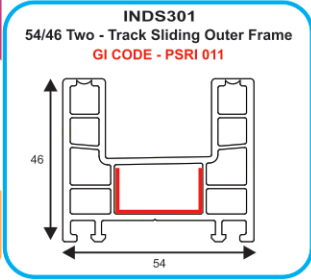
INDOPLAST is high wind load performance can bring you calm days even during typhoons. The installation of INDOPLAST windows in high rise building has been very successful.

### AIR TIGHTNESS

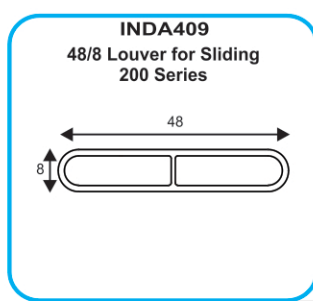
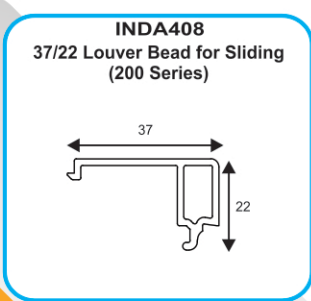
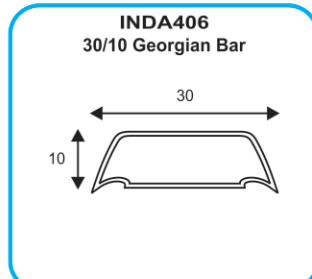
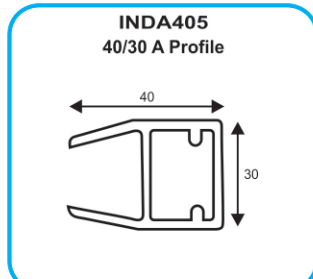
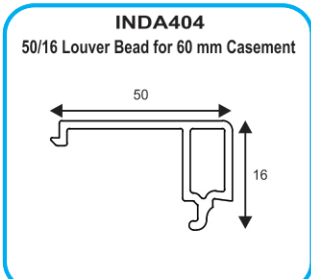
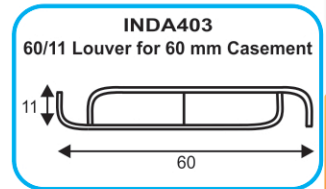
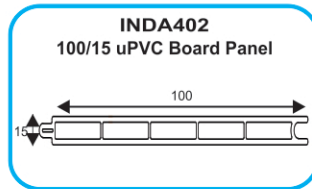
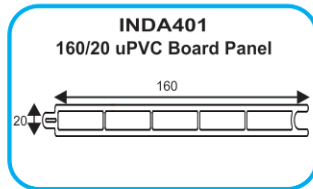
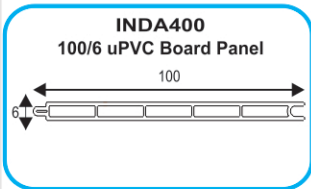
Scientific design of INDOPLAST window systems avoids the penetration of outdoor dust, air and noise. INDOPLAST windows are tested in winwall Technology Laboratory.



# SLIDING INDO-300 SERIES



## AUXILARY - 400 SERIES



## Wind Load Strength against the wind load

The wind pressure calculation is the most important factor for designing the doors & windows in any multistory buildings.

India is divided into many zones based on the wind speed data maintained at various weather stations across the country. The wind speed data is available for the 3 seconds short durations and long duration as well which is collected over last 5 decades.

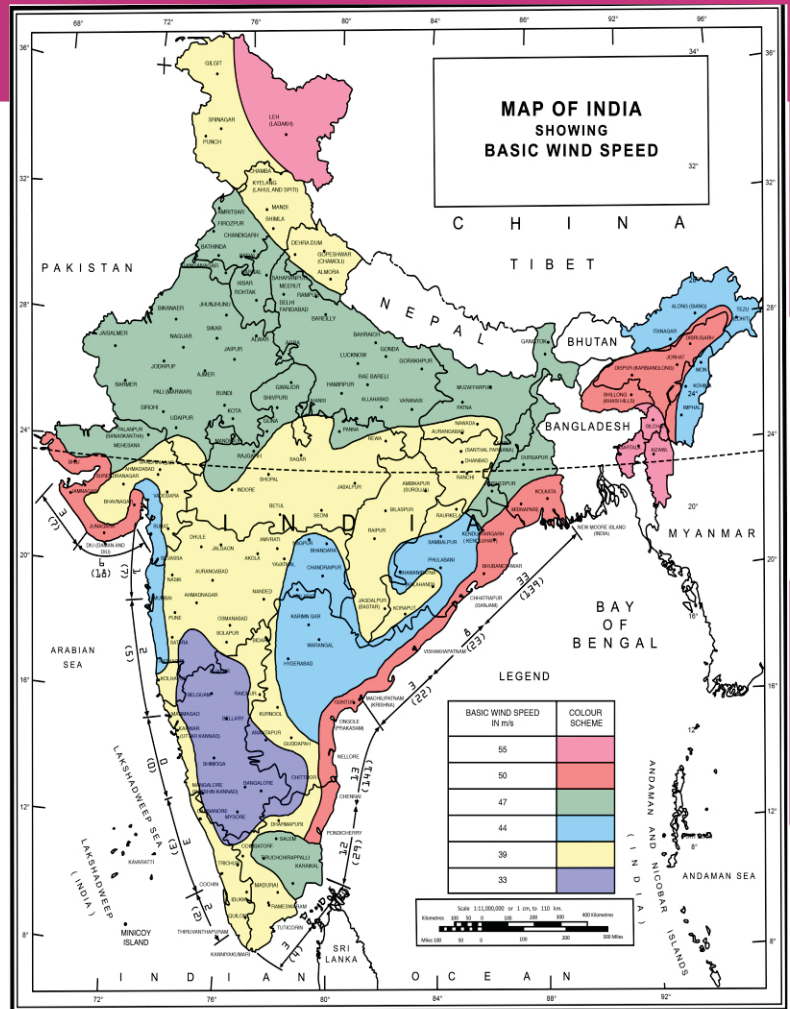
Following are the factors to determine wind load

- Wind speed as per the geographic location.
- Height of the structures.
- Shape of the building.
- Slope of the ground near structure
- Size and design of the window
- Life of glazing / structure desired.

Keeping these factors in mind we design and develop the profile to offer maximum stability and durability of our doors & windows

Below is a list of cities along with tentative different wind loads at different height.

	Upto 5 <sup>th</sup> floor	6 <sup>th</sup> to 10 <sup>th</sup> floor	11 <sup>th</sup> to 15 <sup>th</sup> floor	16 <sup>th</sup> to 40 <sup>th</sup> floor
Delhi	1559 Pa	1862 Pa	2078 Pa	2570 Pa
Mumbai	1366 Pa	1631 Pa	1821 Pa	2290 Pa
Kolkatta	1764 Pa	2107 Pa	2352 Pa	2895 Pa
Bangalore	768 Pa	918 Pa	1025 Pa	1246 Pa
Chennai	1764 Pa	2107 Pa	2352 Pa	2895 Pa
Hydrabad	1792 Pa	2125 Pa	2348 Pa	2810 Pa



System	Glass Thickness	Part Code	Gasket Size
<b>Casement 100 series (60mm series)</b>	4mm	PSPC106	3mm + 3mm
	5mm	PSPC106	2mm + 3mm
	6mm	PSPC106	2mm + 2mm
	8mm	PSPC106	1mm + 1mm
		PSPS207	6mm+6mm
	10mm	PSPS207	5mm + 5mm
	12mm	PSPS207	4mm + 4mm
	18mm	PSPC107	5mm + 6mm
		PSPS307	4mm + 4mm
	20mm	PSPC107	4mm + 5mm
	PSPS307	3mm + 3mm	
	22mm	PSPC107	3mm + 4mm
		PSPS307	2mm + 2mm
	24mm	PSPC107	2mm + 3mm
	32mm	PSPS208	3mm + 4mm
<b>Casement 100 series (50mm series)</b>	4mm	PSPS207	3mm + 3mm
	5mm	PSPS207	3mm + 2mm
	6mm	PSPS207	2mm + 2mm
	8mm	PSPS307	4mm + 3mm
	10mm	PSPS307	3mm + 2mm

## GLAZING OPTIONS

System	Glass Thickness	Part Code	Gasket Size
<b>Sliding 200 series</b>	4mm	PSPS207	3mm + 3mm
	5mm	PSPS207	2mm + 3mm
	6mm	PSPS207	2mm + 2mm
	8mm	PSPS207	1mm + 1mm
		PSPS307	4mm + 3mm
	10mm	PSPS107	4mm + 5mm
		PSPS307	3mm + 2mm
	12mm	PSPS107	3mm + 4mm
		PSPS307	2mm + 1mm
	18mm	PSPS208	5mm + 5mm
	20mm	PSPS208	4mm + 4mm
	22mm	PSPS208	3mm + 3mm
24mm	PSPS208	2mm + 2mm	
<b>Sliding 300 Series</b>	4mm	PSPS307	3mm + 3mm
	5mm	PSPS307	3mm + 2mm
	6mm	PSPS307	2mm + 2mm
	8mm	PSPS307	1mm + 1mm
		PSPS208	4mm + 5mm
	10mm	PSPS208	3mm + 4mm
12mm	PSPS208	2mm + 3mm	



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