



Slender SL-21



Experience
The New Era Of Windows

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SLENDER SERIES
Slender SL-21



BETTER VIEW OF
EXCELLENCE SERVICE.



Argon Gas

Argon gas is filled within the gap in the DGU to ensure that thermal conductance is reduced.

Perforations

Perforations act as an anti-fog aspect that ensures that moisture is not accumulated in the glass unit.

Sight Line

The sight line is basically the space between any 2 shutters, the interlock/mullion between them which is only 19mm thick

Drainage Slots

The system has integrated water management that even works for torrential rain regions. These drainage slots are situated in each track to drain out the water of the profile.

Rail

It allows easy sliding of windows, basically having the least resistance in case of the heaviest windows. It is made up of 304-grade stainless steel.

Three Fin Wool Pile

To prevent air, water, and dust penetration into the track, a high-quality brush is used called three fin wool pile.

Cover Profile

We have designed a metal-based covering to encase the fixed shutter track to provide an aesthetically appealing look for our windows and also to ensure that they are easier to maintain. It is not just for the look, it provides a protective shield from air, dust, and water seepage. It seamlessly merges with the entire window unit to elevate the whole outlook of your space.

Auto Clean Brush

The dust that shall accumulate at the corners of the track can be easily removed as between the bearing cages at the bottom of the shutter there are auto-clean brushes situated.

Roller Bearings

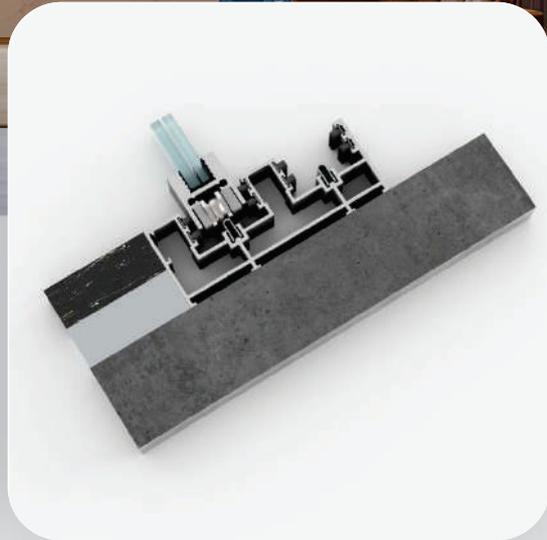
Roller Bearings have a loading capacity of 320kg each and their material is of 304-grade stainless steel. For highly smooth operation, the weight of the shutter is balanced between the roller bearings. The bearing's cage is made up of heavy nylon to result in long-term sustained support.

Glass

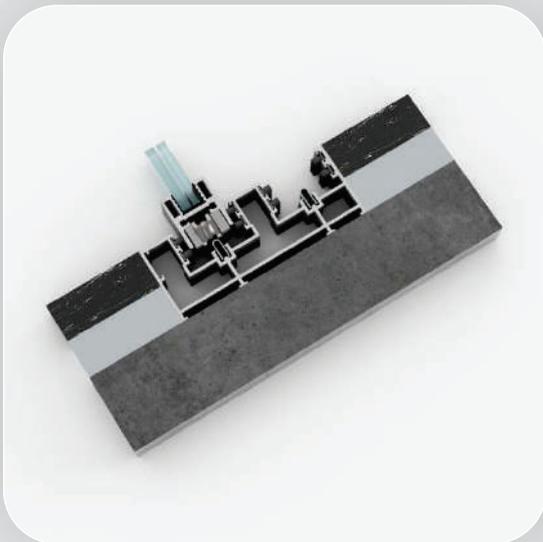
There are several types of glass used of which the common ones are DGU, DGU laminated, sentry laminated, reflective, low-E, Burglar resistant options, and more. These provide up to 38 dB sound reduction. The standard slimline system has an 8 mm outer glass, an 22mm spacer, and an 8mm inner glass, which results in a 38 mm double-glazed unit. The system provides flexibility in the type of glass that can be used.



On The Floor



Conceal From Inside



**Conceal From
Both Side**



**Horizontal
Crosseccional View**

SYSTEM TECHNICAL SPECIFICATION

- **Profile Alloy**
6063
- **Glass Thickness**
11.5mm / 12mm / 13.5mm / 24mm
- **Max Height/shutter***
3600mm
- **Max Weight/shutter**
350 Kgs
- **Multi Locking**
Yes
- **Mosquito Mesh Solution**
Yes
- **Hidden Bottom**
Yes
- **Corner Opening**
Yes
- **Roller Bearings**
(320 Kg / Per Bearing)
S.S 304 Grade
- **Stainless Steel Twill Rail**
S.S 304 Grade
- **Finish**
Anodize
Powder coating
Wood effect
PVDF coating

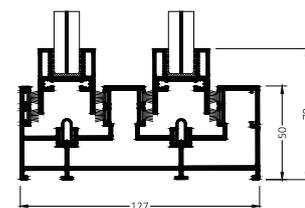
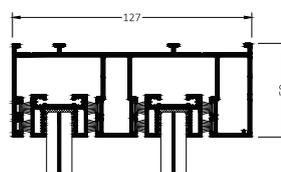
APPLICATION & SECTION DETAIL

- **Frame Height***
50mm
- **Frame Width (2t-2p)***
127mm
- **Frame Width (3t-3p)***
188mm
- **Sightline At Interlock***
21mm
- **Center Meeting (2t-4p)***
50mm

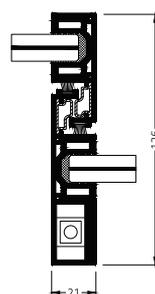
TEST REPORTS

- **Wind Resistance***
Up to 2.5KPa
- **Air Infiltration***
300 Pa
- **Water Penetration***
390 Pa

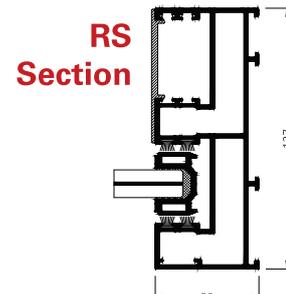
Top Section



Bottom Section

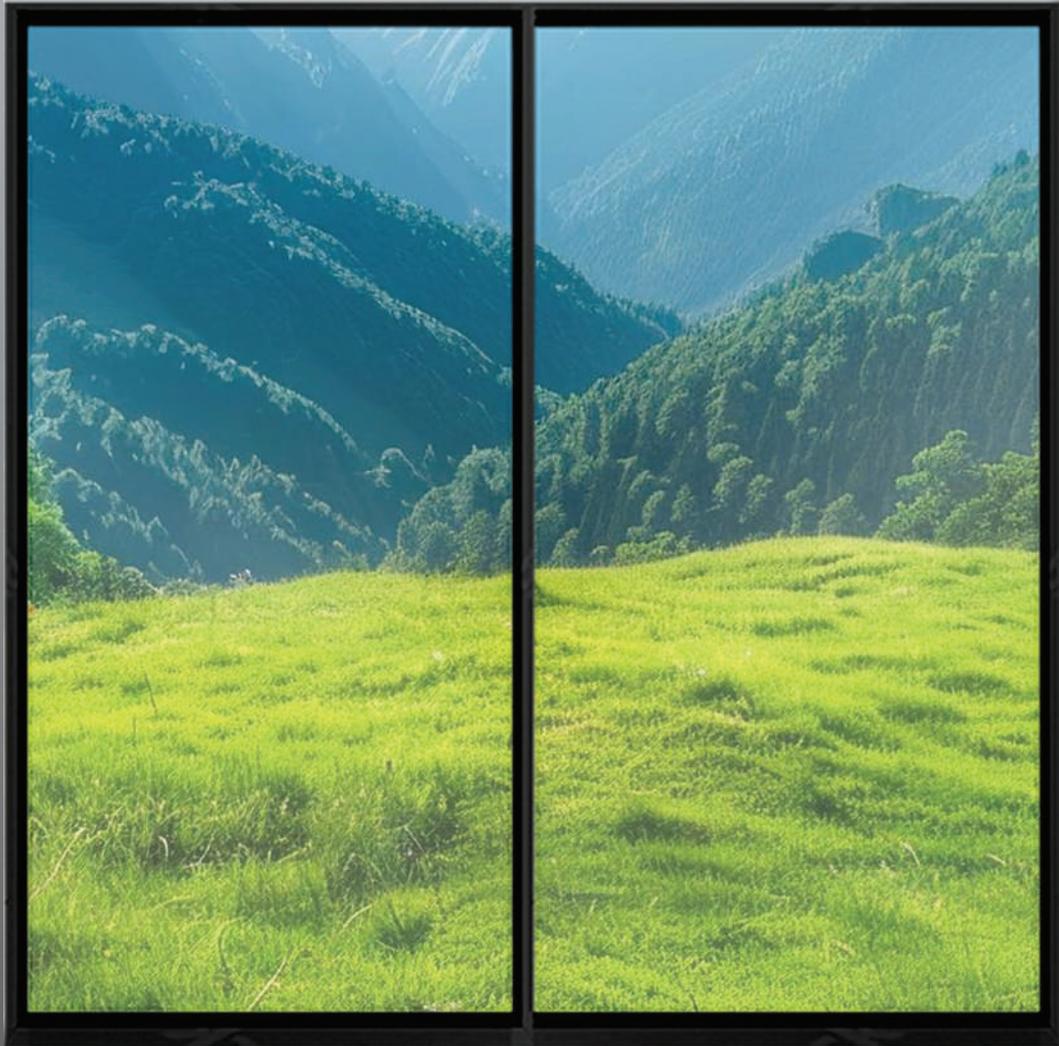


Interlock with Handle



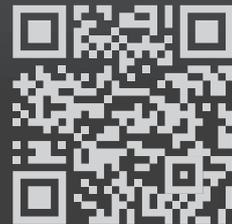
RS Section





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