Vitrum®

SLIMLINE® VIT 25

01 | Gaskets

Uniquely designed gaskets form a sound barrier and provide resistance against air, dust & water seepage.

02 | Roller Bearings

The system uses high quality, height adjustable bearings that ensure excellent shutter alignment and balanced weight distribution between them for remarkably smooth operation. These bearings can handle load capacity of up to 200 kg per shutter.

03 | Cover Profile

The metal covering for encasing the fixed shutter track merges with the window unit to elevate the aesthetic value of the whole unit. The cover profile acts as a protective shield, providing resistance against air, dust and water seepage.

04 | Top / Bottom Sight Line

The top & bottom sight line has been maintained at 25mm which is same as the vertical sight line of the shutters. This gives the system a uniform sight line all around making it aesthetically appealing.
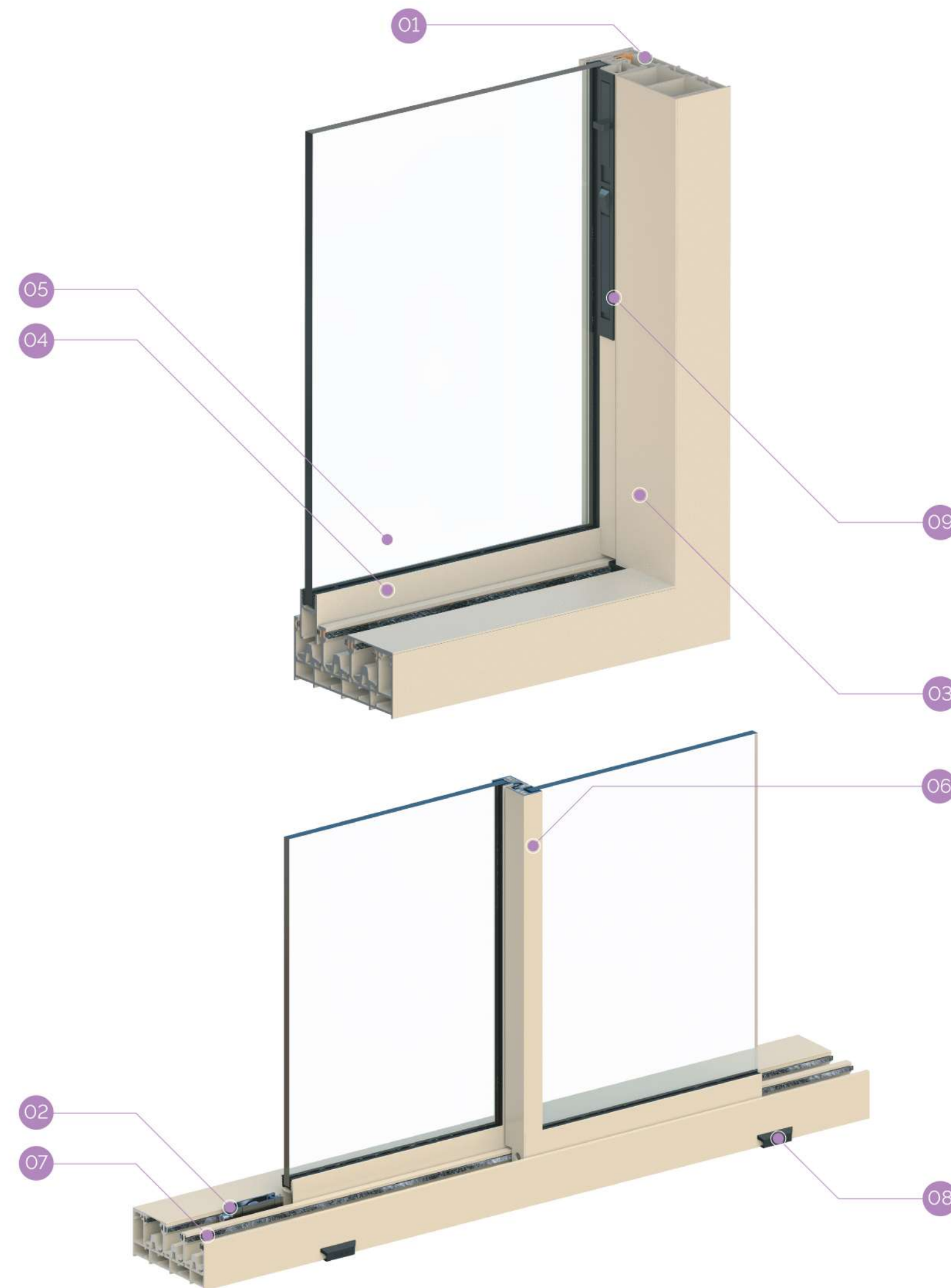
05 | Glass

SGU, DGU, Laminated, Sentry lamination - clear, tinted & reflective are the glass types commonly used in the system and that provide flexibility. The system has options of 6mm, 8mm & 10mm single glazed and 24mm, 26mm & 28mm double glazed.

06 | Sight Line

The interlock / mullion between any two shutters is only 25mm thick.

07 | Single Fin Wool Pile

This is a high quality brush used to prevent air, water and dust penetration.

08 | Drainage Slots

We have an integrated water management system, conducive even for torrential rain regions with drainage slots provided in each track of the profile to drain out water.

09 | Lock

The system uses a multi-point face locking unit. The lock stays flushed with the walls and comes with an integrated handle that can be popped out when required.

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Vitrum's latest offering is expertly designed for elegant profiles and slender sashes that enhance the aesthetic appeal of the interior and the exterior of a building. Specifically designed for easy fabrication and installation, this system provides one of the lowest cost-benefit ratio in the industry.

A slimmer frame also means a larger glass area. This allows more light inside and offers a better view. The windows have a beautifully minimalistic frame which is enhanced by the locking handle being integrated with the minimal vertical side profiles, meaning there is no increase in panel size for locking. The frames which surround the outer edges of the windows can be hidden within the wall and floor finishes to accentuate the frameless aesthetic.

Sight Line

It is an absolute delight to designers, architects and clients alike, as it's the ultimate selection for indoor / outdoor assimilation. These aluminium windows sit harmoniously side by side with an extremely slender vertical frame of only 25mm between the glass panels. All the surrounding frameworks of the slimline windows can be hidden in the building surround with the floor track flushed with the internal floor.

| Attributes	Details
Sight Line or Face Width	25mm
Section Joint	Corner Cleats fitting with Screws
Glass Thickness	SGU: 6mm / 8mm / 10mm
	DGU: 24mm / 26mm / 28mm
Rollers	Single / Double, Height Adjustable
Sliding Rail	Aluminium
Surface Finish	Powder Coating / PVDF / Anodized
Locking	Multipoint Locking System
Maximum Shutter Size	4.5 sq m
Maximum Shutter Height	3m

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Performance Data

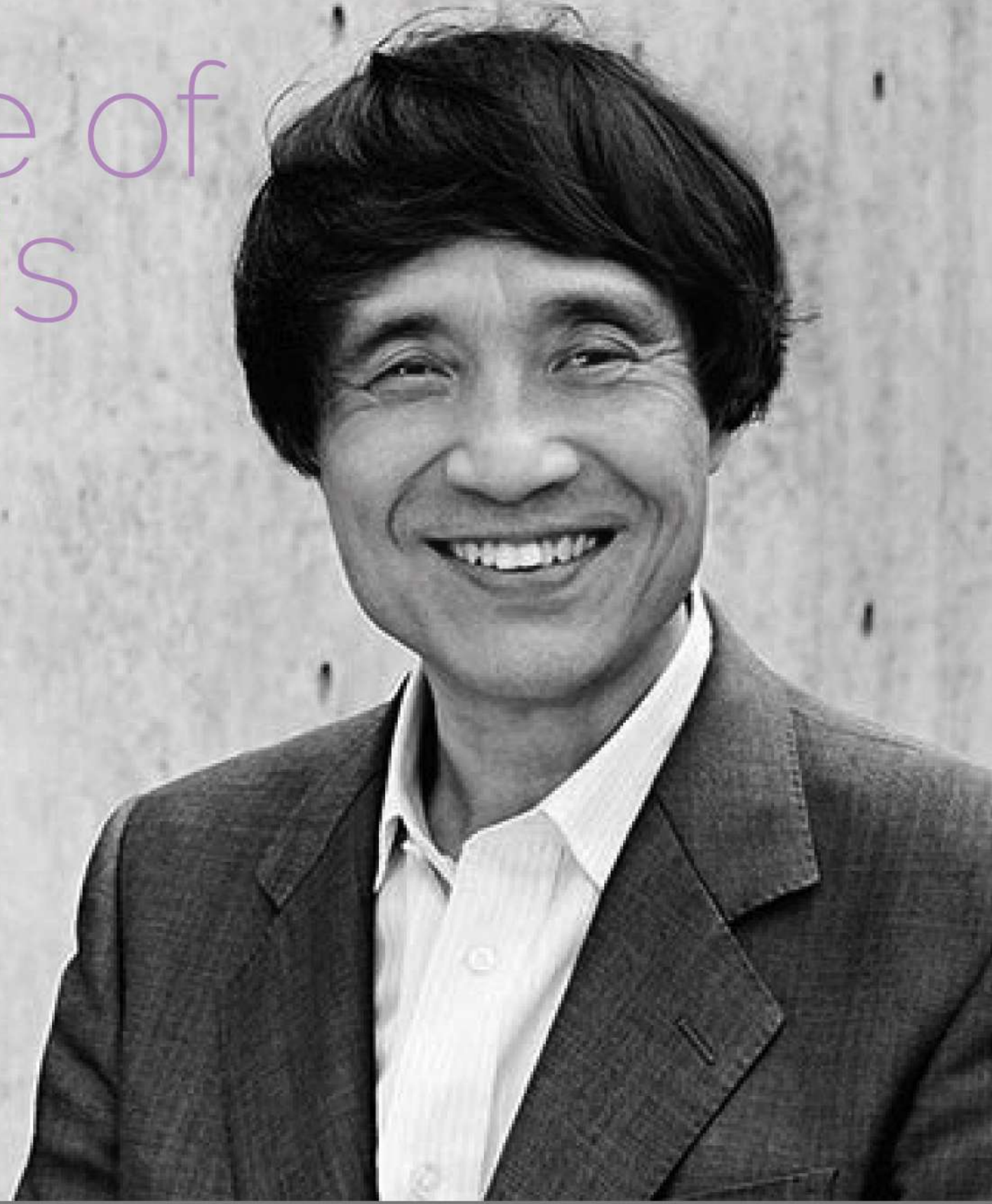|		
Wind Resistance	-	up to 2 KPa
Air Infiltration	-	300 Pa
Water Penetration	-	390 Pa
Sound Reduction	-	up to 34 dB for SGU & up to 32 dB for DGU
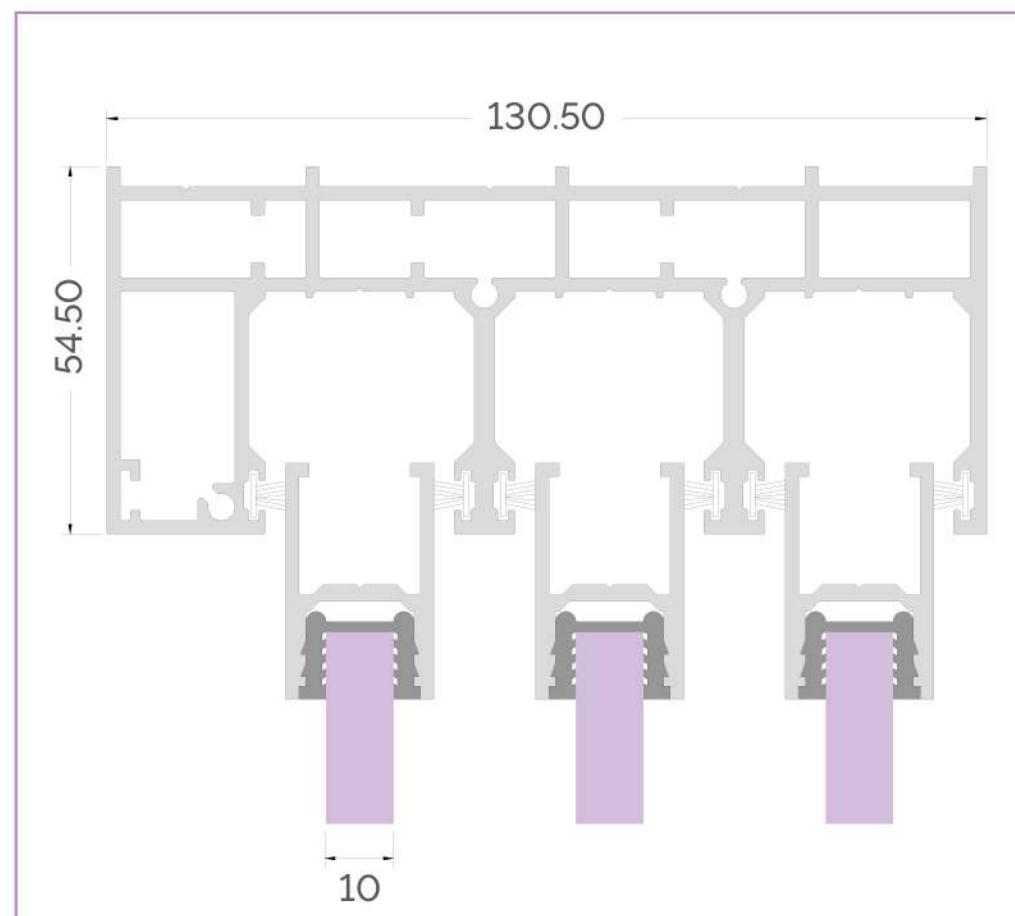
Top Section
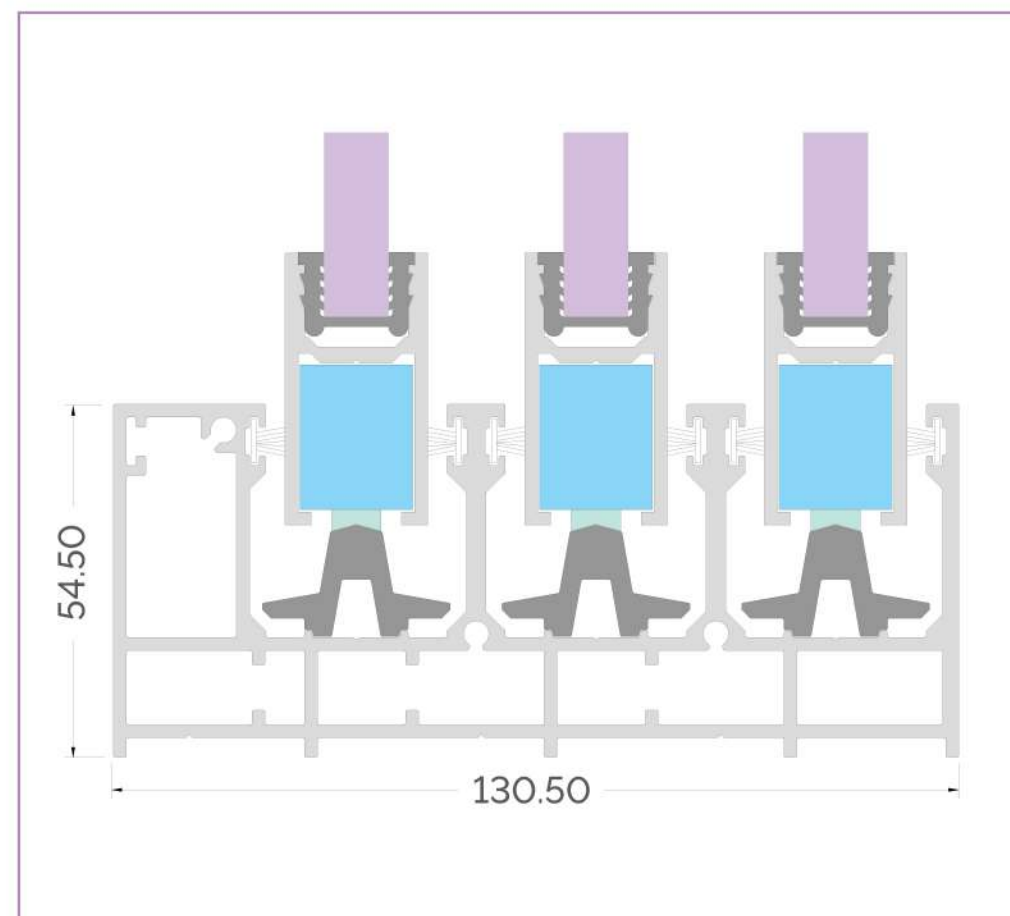
Bottom Section
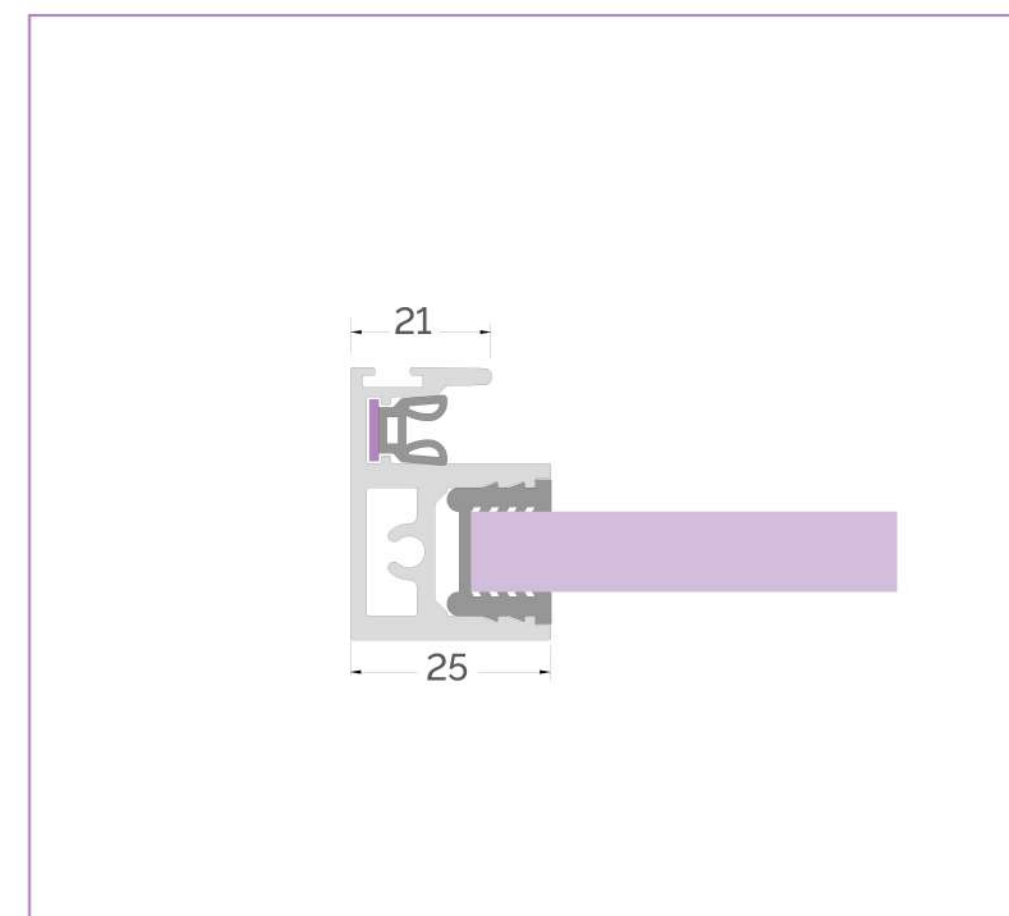
Interlock
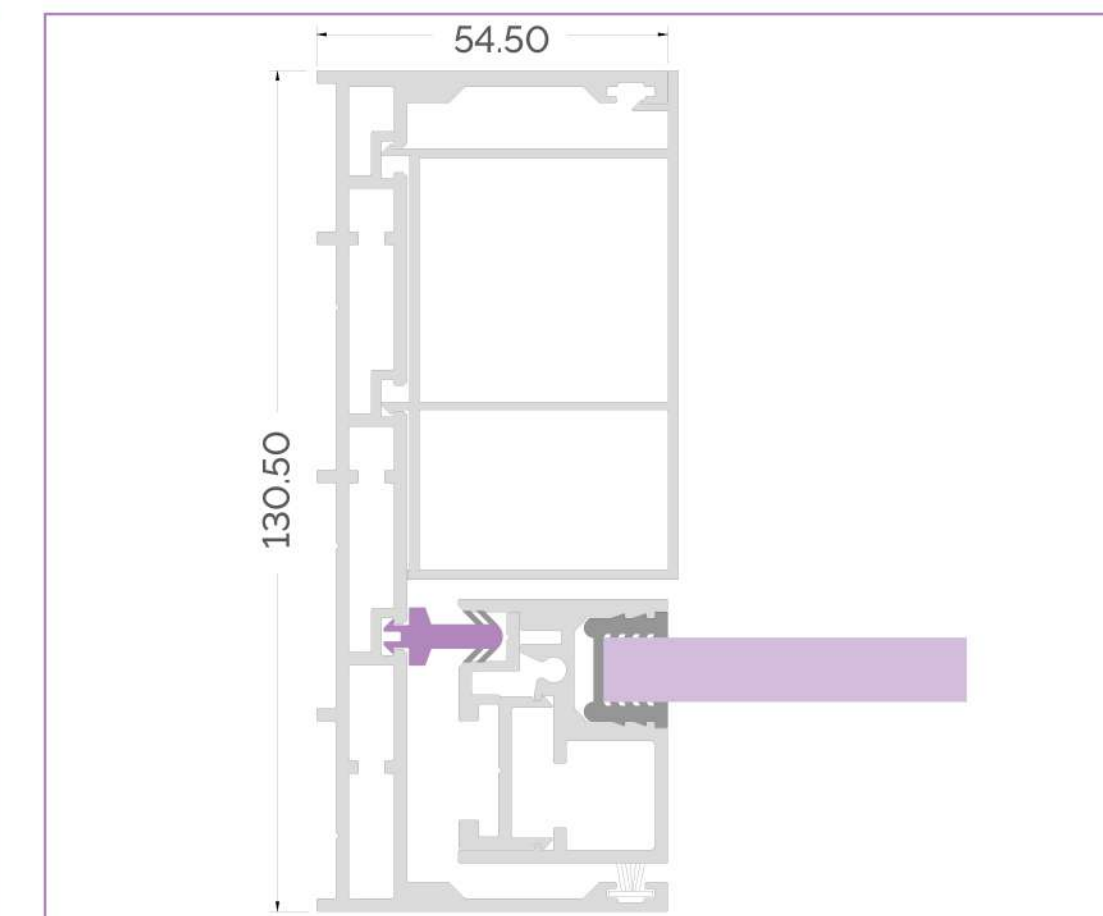
L & R Section

The essence of minimalism is simplicity.

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Tadao Ando 1941 - Present

Tadao Ando is a Japanese self-taught architect whose approach to architecture and landscape was categorized by architectural historian Francesco Dal Co as "critical regionalism". He is the winner of the 1995 Pritzker Prize.