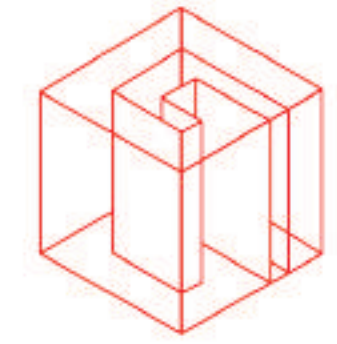


MERIDIAN32

GREFET



THE SCIENCE
OF SYSTEM
WINDOWS



MERIDIAN32

GREFET

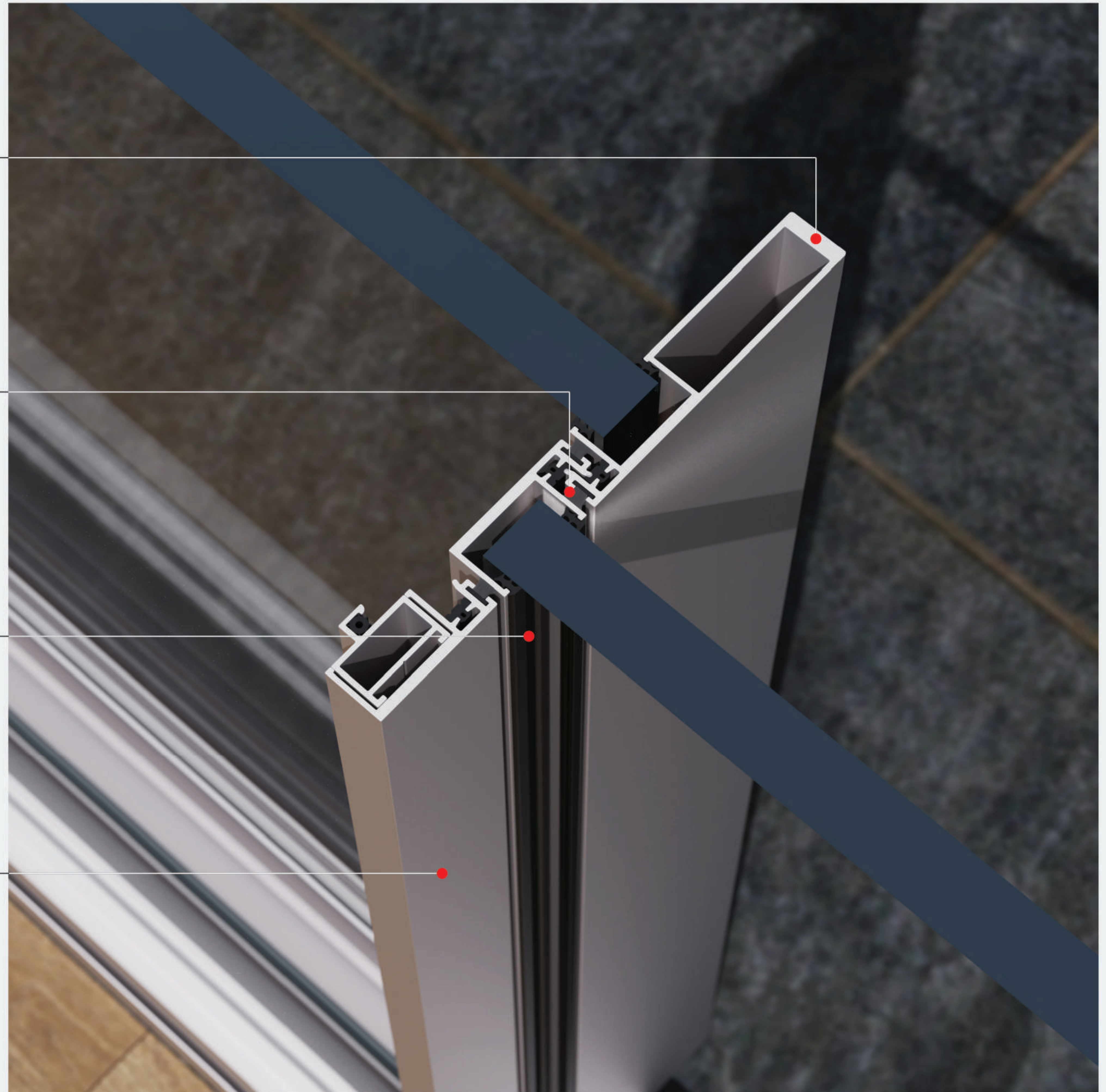
- A diverse selection encompassing an extensive array of glass types and styles is available
- Optional sliding mesh track provides additional protection and ventilation
- A comprehensive selection of RAL colors and customizable orientation options.
- Conforming to EN 13126-15 standards, guaranteeing durability with a successful completion of 40,000 test cycles, our adjustable rollers meet European standards, ensuring reliable performance and longevity

Central interlock, featuring •
reinforcement and a sleek 20mm
sightline, maintains a modern aesthetic

Primetrical three fin brushes are •
renowned for their exceptional precision
and durability, effectively blocking out
dirt, insects, and other debris

Highest quality EPDM, ensuring •
exceptional sealing and water proofing
across all applications

Premium-grade virgin alloy, 6036-T6, •
renowned for its exceptional quality and
performance, makes it a preferred
choice



FEATURES

TECHNICAL

Glazing	6-24mm
Possible typology	2, 3, 4, 6 sashes
Possibilities	2 & 3 track
Frame	2 track - 85mm 3 track - 132mm
Frame depth	30 40mm
Profile thickness	1.5 to 5mm
Sash	32mm
Maximum weight per leaf	160 Kg
Central interlocking	20mm
Permittable dimensions per leaf (W X H)	1220 X 2440mm



The MERIDIAN32 is a sophisticated non-insulated sliding door window system that seamlessly blends simplicity with elegance. Its design features an impressively minimal sightline of just 20mm, crafted from robust virgin alloy 6063-T6 to ensure enduring performance. This system provides versatile security solutions with both single and multi-locking options, enhancing user convenience and peace of mind.

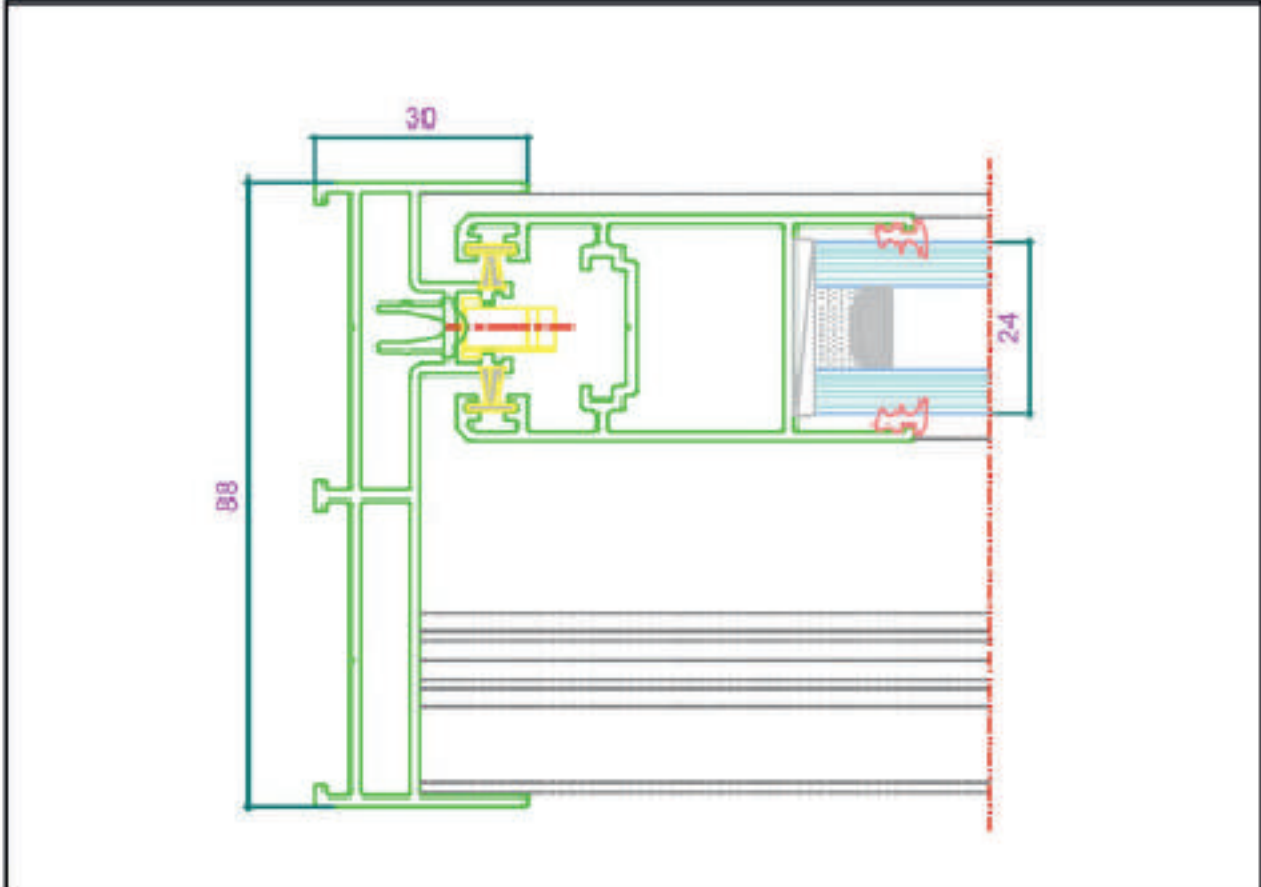
Featuring a customizable mesh sliding track, MERIDIAN32 offers unparalleled flexibility in color options, glass types, and a variety of typologies to meet diverse architectural requirements. This product seamlessly blends functionality with design, making it an ideal choice for spaces that prioritize a clean aesthetic while maintaining high performance and extensive customization capabilities.



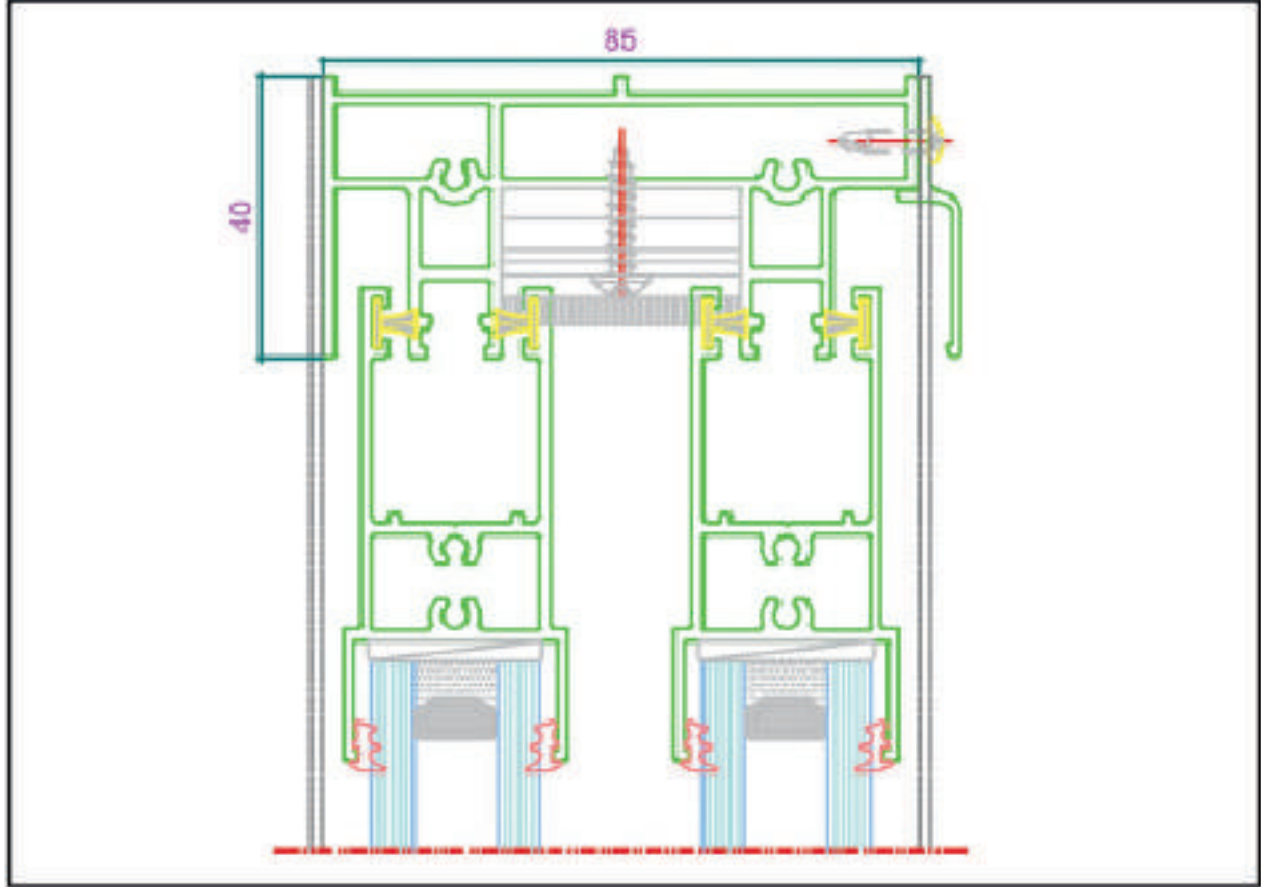
PROVEN INTERNATIONAL SUCCESS

Our system has demonstrated consistent effectiveness through global testing protocols.

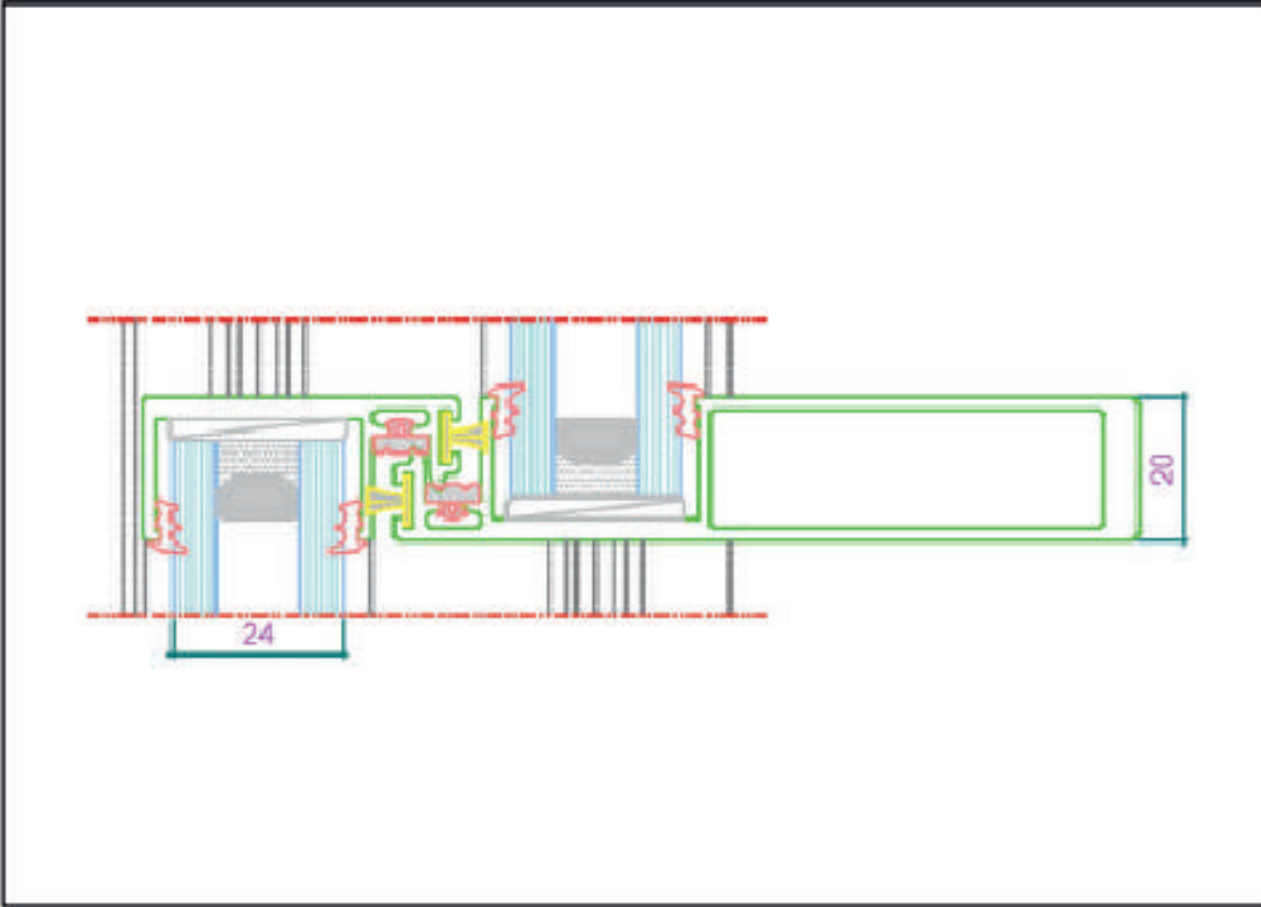
Transmittance	Uw from 3.0 (W/m2k)
Maximum acoustic insulation Rw	30 dB
Air permeability	Test BS EN 1026: 2016 (Class 3)
Water tightness	Test BS EN 1027: 2016 (PA 150, Classification 4A)
Wind resistance	BS EN 12210 (2.5 KPA)



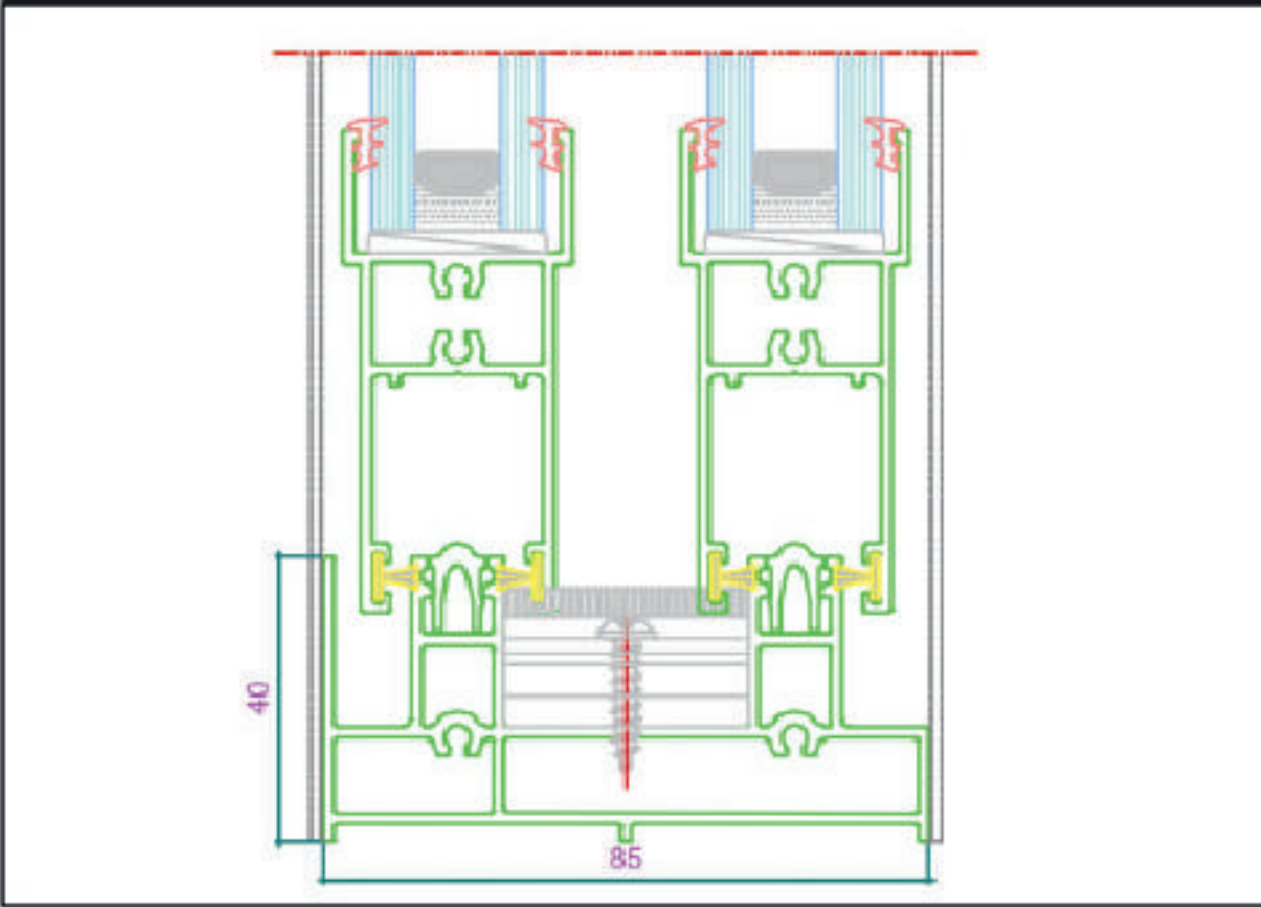
L & R Section



Top Section



Interlock Section



Bottom Section

TESTING CERTIFICATIONS



CERTIFICATE OF PERFORMANCE

THIS CERTIFICATE IS PRESENTED TO
GREFET SYSTEMS INDIA PVT. LTD.

SPECIMEN TYPE : Sliding Door
SAMPLE SIZE : 2430 (w) X 2430 (h) mm
TYPE OF GLASS : 11.52mm Thick Laminated (5+1.25+5)mm
DATE OF TESTING : 26th and 27th November 2024

TESTING LOADS APPLIED

AIR INFILTRATION TEST	ASTM E 283	150 Pa	0.64 m³/h/m²
STATIC WATER PENETRATION TEST	ASTM E 301	200 Pa	
DYNAMIC WATER PENETRATION TEST	AAMA 501.4	200 Pa	
STRUCTURAL PERFORMANCE TEST	ASTM E 330	2500 Pa	
PROOF LOAD TEST	ASTM E 330	3750 Pa	

TEST FINAL REPORT REFERENCE NUMBER : CC18/17/Dec/24/T R09 (Sliding door-ASTM)

SWAMINATHAN
LABORATORY MANAGER

REJI BHAMI
DIRECTOR





CERTIFICATE OF PERFORMANCE

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GREFET SYSTEMS INDIA PVT. LTD.

SPECIMEN TYPE : Sliding Door
SAMPLE SIZE : 2430 (w) X 2430 (h) mm
TYPE OF GLASS : 11.52mm Thick Laminated (5+1.25+5)mm
DATE OF TESTING : 26th and 27th November 2024

TESTING LOADS APPLIED

AIR INFILTRATION TEST	BS EN 1026 : 2016	600 Pa	CLASS 4
AIR INFILTRATION TEST	BS EN 1027 : 2016	600 Pa	CLASS 3
WATER TIGHTNESS TEST	BS EN 1027 : 2016	600 Pa	CLASS 4A
RESISTANCE TO WIND LOAD TEST	BS EN 12211 : 2016	2500 Pa	CLASS 4E _{max}
DEFLECTION TEST (FD)	BS EN 12211 : 2016	1250 Pa	CLASS 4E _{max}
REPEATED PRESSURE TEST (RP)	BS EN 12211 : 2016	2050 Pa	CLASS 4E _{max}
SAFETY TEST (ST)	BS EN 12211 : 2016	2050 Pa	CLASS 4E _{max}

TEST FINAL REPORT REFERENCE NUMBER : CC18/18/Dec/24/T R09 (Sliding door-BS)

SWAMINATHAN
LABORATORY MANAGER

REJI BHAMI
DIRECTOR



TYOLOGY

2 TRACK



3 TRACK



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