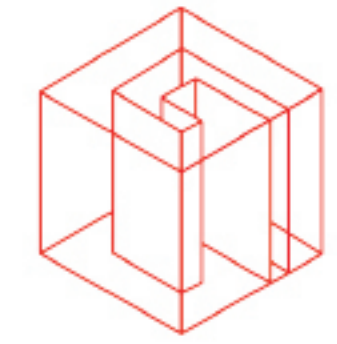


MERIDIAN32

GREFET



THE SCIENCE
OF SYSTEM
WINDOWS



MERIDIAN32

GREFET

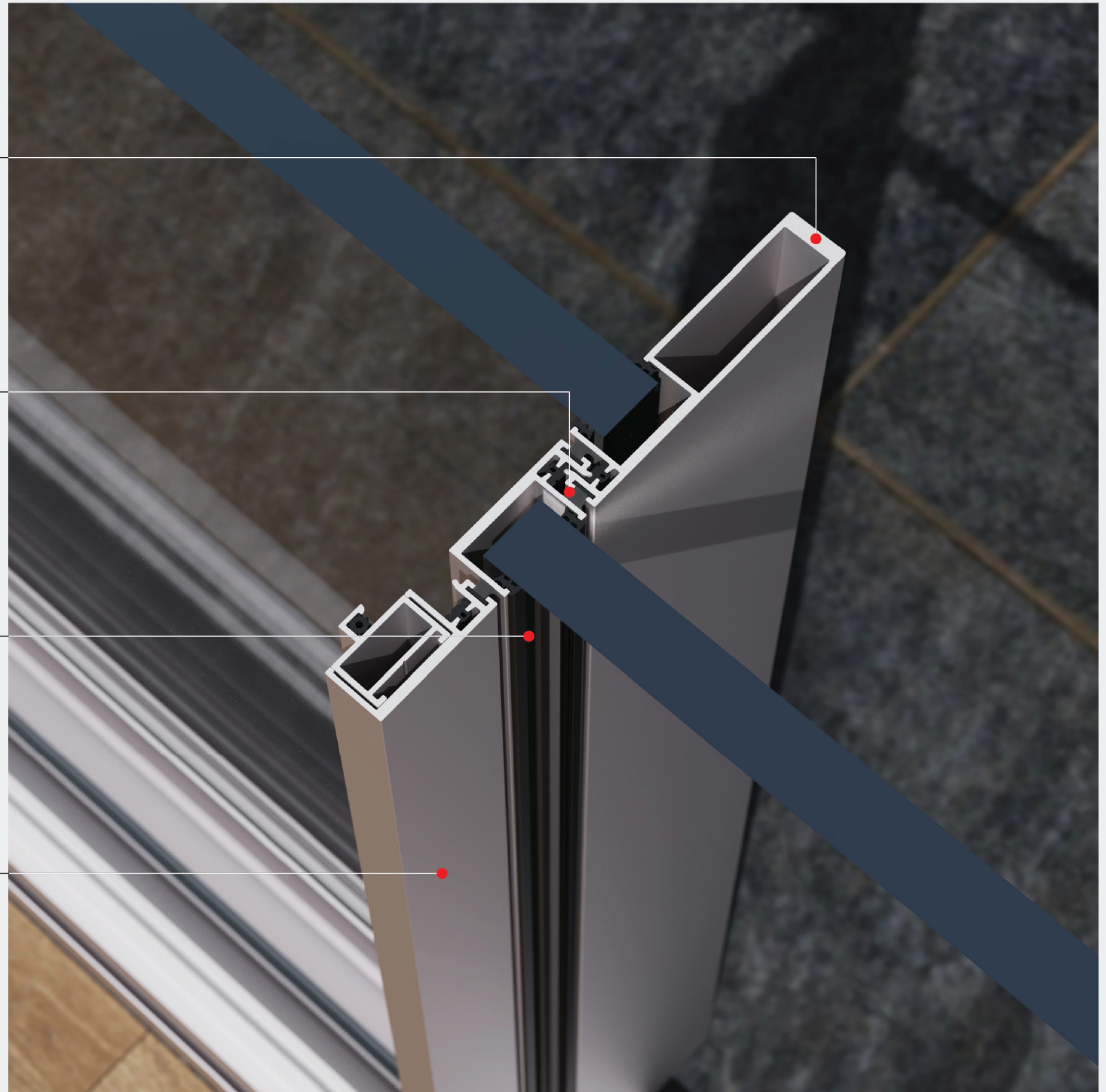
- A diverse selection encompassing an extensive array of glass types and styles is available
- Optional sliding mesh track provides additional protection and ventilation
- A comprehensive selection of RAL colors and customizable orientation options.
- Conforming to EN 13126-15 standards, guaranteeing 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.

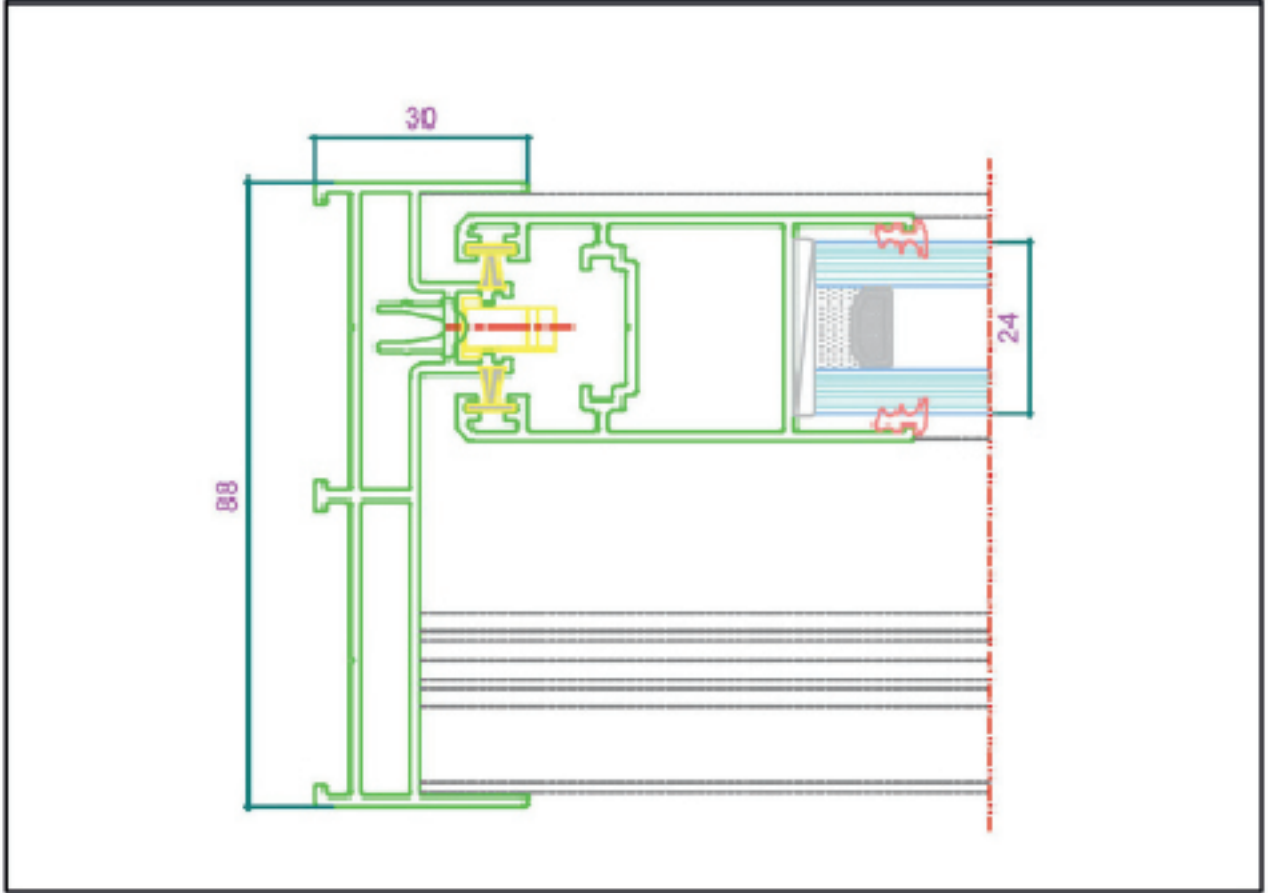
Featuring a customizable mesh sliding track, MERIDIAN32 offers unparalleled flexibility in color options, glass types, and a variety of typologies to meet diverse architectural requirements. This product seamlessly blends functionality with design, making it an ideal choice for spaces that prioritize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



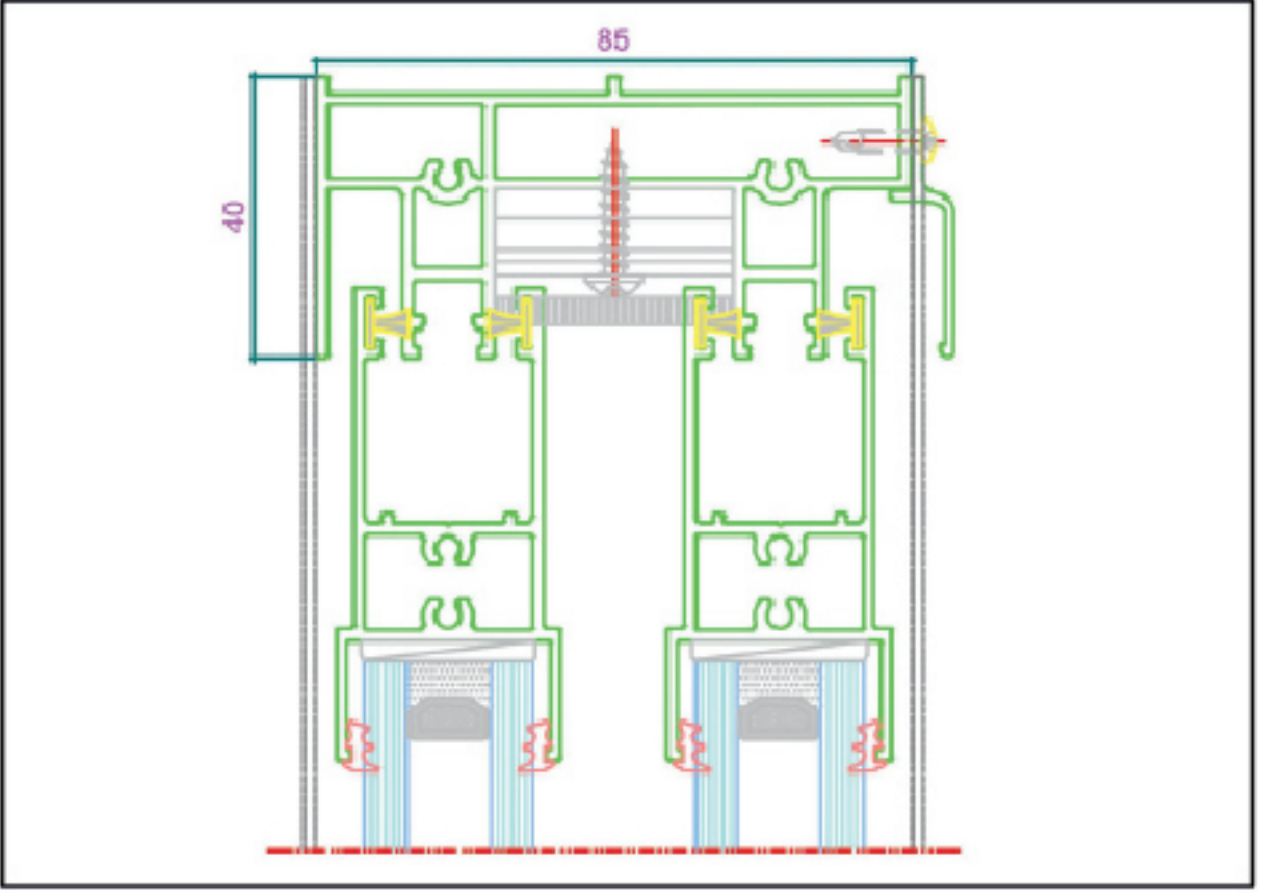
PROVEN INTERNATIONAL SUCCESS

Our system has demonstrated consistent effectiveness through global testing protocols.

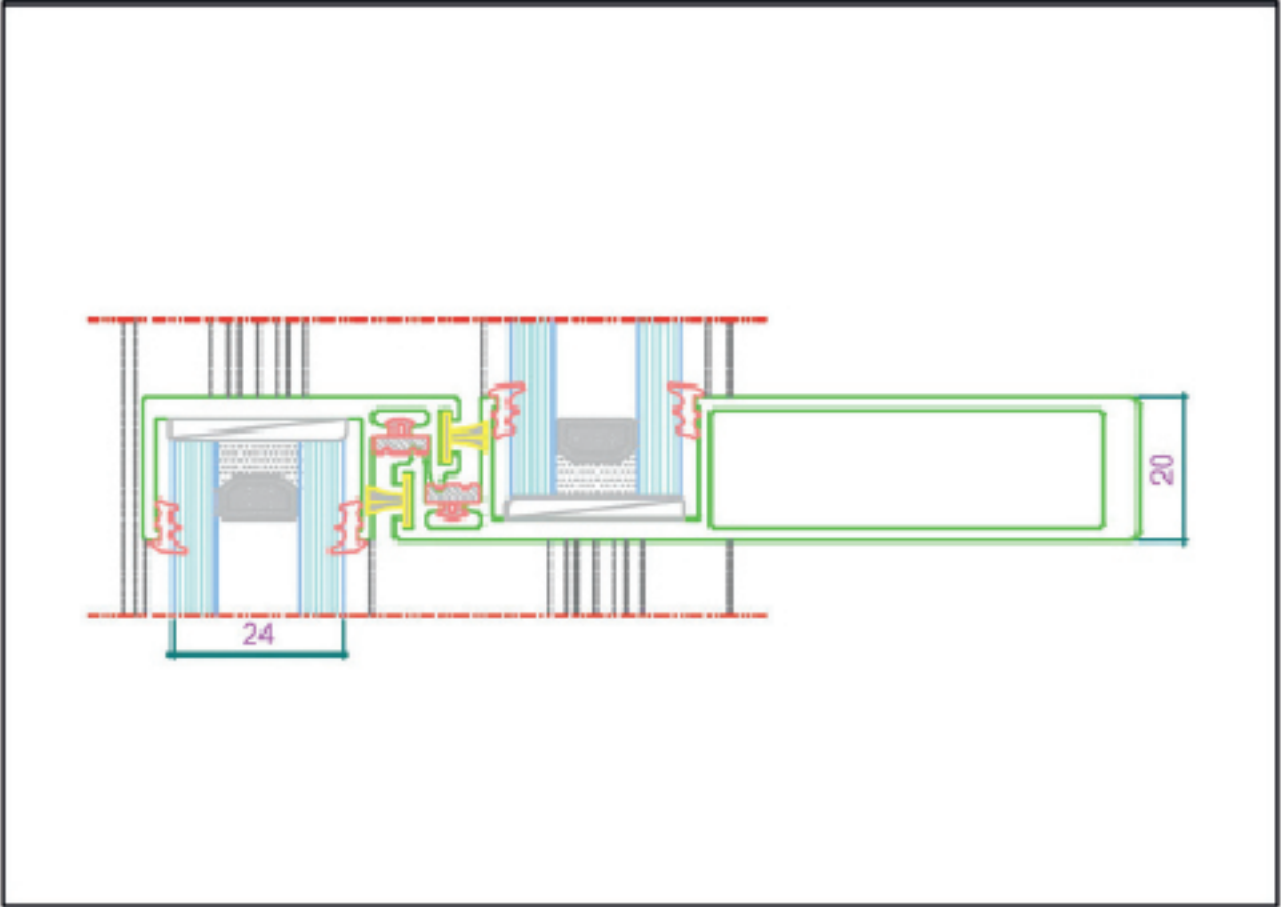
Transmittance	Uw from 3.0 (W/m2k)
Maximum acoustic insulation Rw	30 dB
Air permeability	Test BS EN 1026: 2016 (Class 3)
Water tightness	Test BS EN 1027: 2016 (PA 150, Classification 4A)
Wind resistance	BS EN 12210 (2.5 KPA)



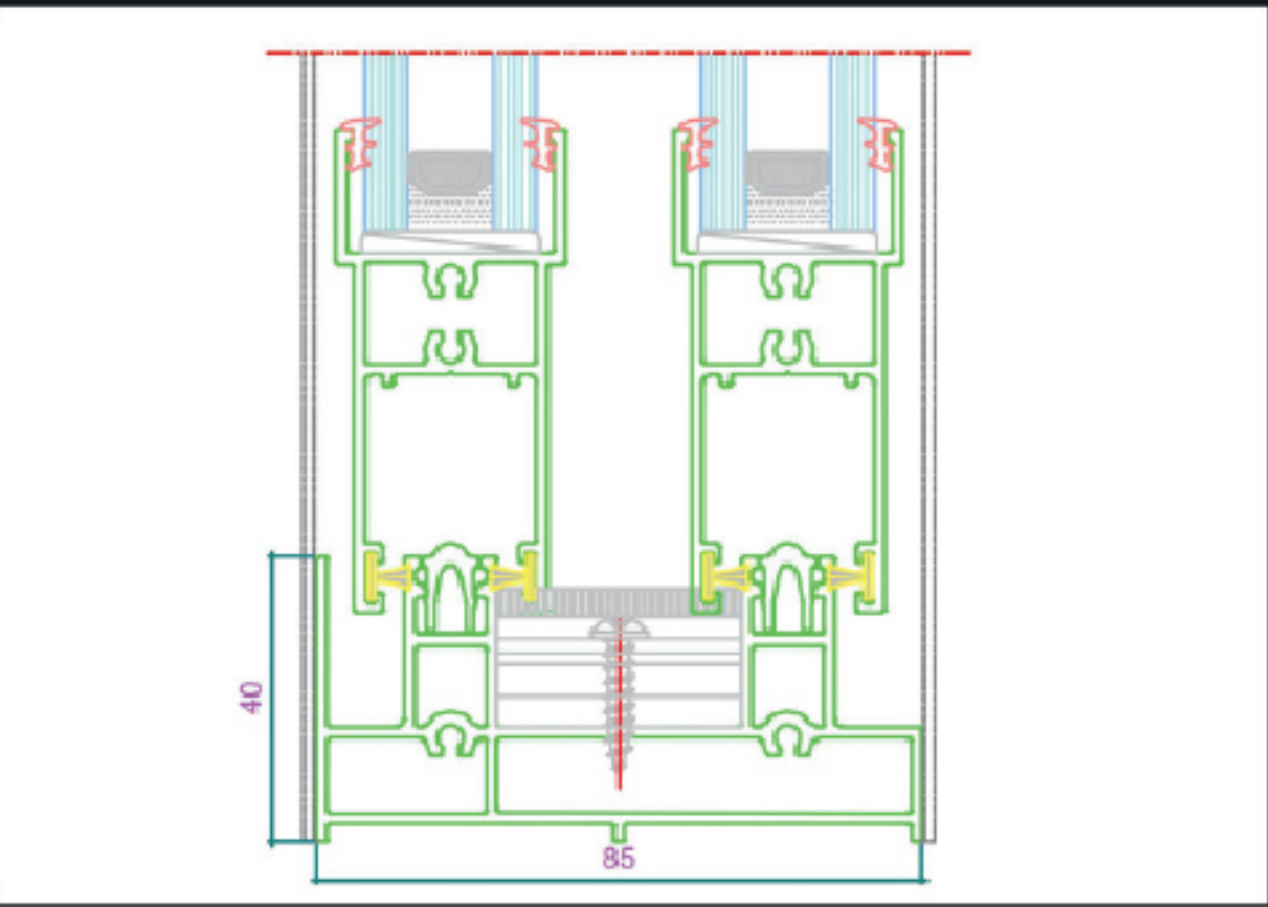
L & R Section



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	std. m³/m²/h
STATIC WATER PENETRATION TEST	ASTM E 331	: 200 Pa	
DYNAMIC WATER PENETRATION TEST	AAMA 501.1	: 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/TRO9 (Sliding door-ASTM)



SWAMINATHAN
LABORATORY MANAGER



REJI BHAMI
DIRECTOR

This certificate is issued by Eminent International Testing Centre Private Limited
Disclaimer: This certificate is issued based on the result obtained at the time of testing for this particular sample



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	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 5A
RESISTANCE TO WIND LOAD TEST			
DEFLECTION TEST (P1)	BS EN 12211 : 2016	: 2500 Pa	= CLASS E _{1,200}
REPEATED PRESSURE TEST (P2)	BS EN 12211 : 2016	: 1250 Pa	= CLASS E _{1,200}
SAFETY TEST (P3)	BS EN 12211 : 2016	: 3750 Pa	= CLASS E _{1,200}

TEST FINAL REPORT REFERENCE NUMBER : CC18/18/Dec/24/TRO9 (Sliding door-BS)



SWAMINATHAN
LABORATORY MANAGER



REJI BHAMI
DIRECTOR

This certificate is issued by Eminent International Testing Centre Private Limited
Disclaimer: This certificate is issued based on the result obtained at the time of testing for this particular sample

GREFET

THE SCIENCE
OF SYSTEM
WINDOWS

05

TYOLOGY

2 TRACK



3 TRACK



GREFET SYSTEMS INDIA PVT LTD

Mumbai Office

912/46, Poisar Venus, Kandivali
East, Mumbai, Maharashtra
400101

Gurugram Office

90B, Delhi – Jaipur Expy, Udyog
Vihar, Sector 18, Gurugram, Sarhol,
Haryana 122008



www.grefet.com



info@grefet.com



+91 1800 202 3778

Disclaimer : Grefet Systems India Private Limited (GSIPL) reserves the right to change without notice the specifications, design, shape, size, and any other criteria related to the systems mentioned in the brochure, and also to discontinue systems and/or replace any part or accessory of any system. GSIPL also reserves the right to source and indent profiles, hardware, and accessories from any company if deemed fit.



@grefetsystems



@grefetinternational



@GrefetSystems



@GrefetInternational