



P300

Thermal Sliding System

Refined
Efficient
Streamlined Thermal Performance

POUPA
ALUMINIUM SYSTEMS
EXTRUSION COMPANY

P300

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The **P300 Thermal Sliding** is a compact, thermally insulated sliding window system, ideal for small to medium-sized residential and commercial openings. Featuring a minimalist design and engineered for efficiency, it delivers smooth operation along with great thermal insulation - making it a cost-effective choice for modern construction projects with moderate performance needs. Its low track height enables seamless integration into renovation and retrofit applications. The system's certified performance and durability ensures long-term reliability and energy efficiency.

Key Design Features:

Profiles with Thermal Breaks: Incorporates a high-performance polyamide thermal break to reduce heat transfer.

Slim Profile Design: Streamlined frame and sash for a clean architectural appearance emphasising unobstructed view.

Smooth Sliding Operation: Stainless steel rails and stainless-steel rollers, ensure long-lasting and effortless sliding.

Optimised for daily use Openings: Suited for smaller residential windows, patios, and balconies.

Secure Locking Options: Multi-point or single-point locking systems for upgraded security.

Customisation: Available in an array of anodized and powder-coated finishes.

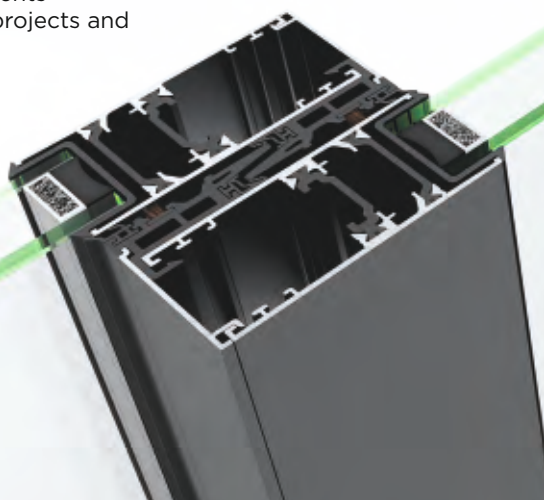
Sash height: 78 mm | **Track height:** 38.5 mm

Sash Weight up to 240 kg (sliding)

Slim 25mm interlock for minimal aesthetics

Applications

- ▮ Residential homes
- ▮ Mid-rise developments
- ▮ Commercial buildings with moderate performance requirements
- ▮ Hotels and apartments
- ▮ Internal partitions with external performance requirements
- ▮ Low profile track height makes it ideal for renovation projects and integration into existing building structures.





1,4
 $U_w(W/m^2K)$



Class 3
(EN 12207)



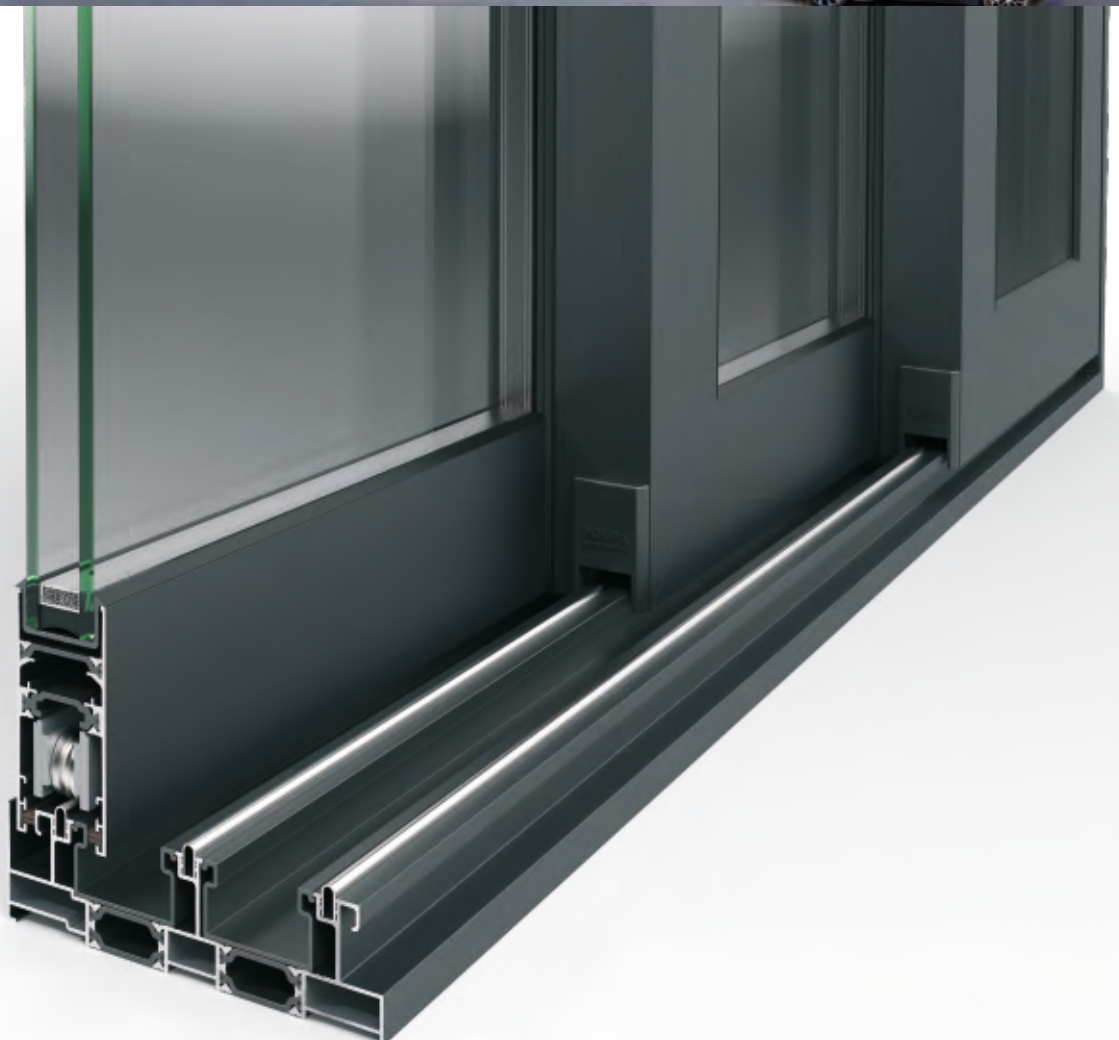
Class 3A
(EN 12208)

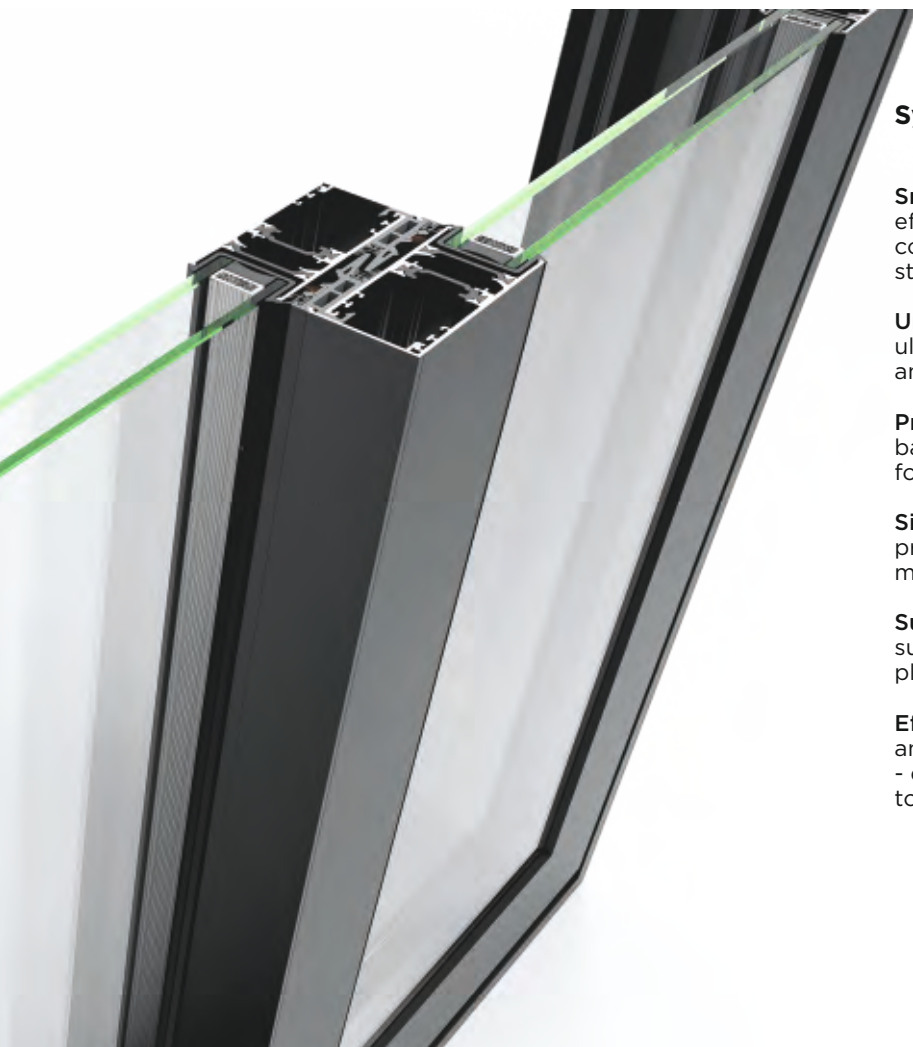
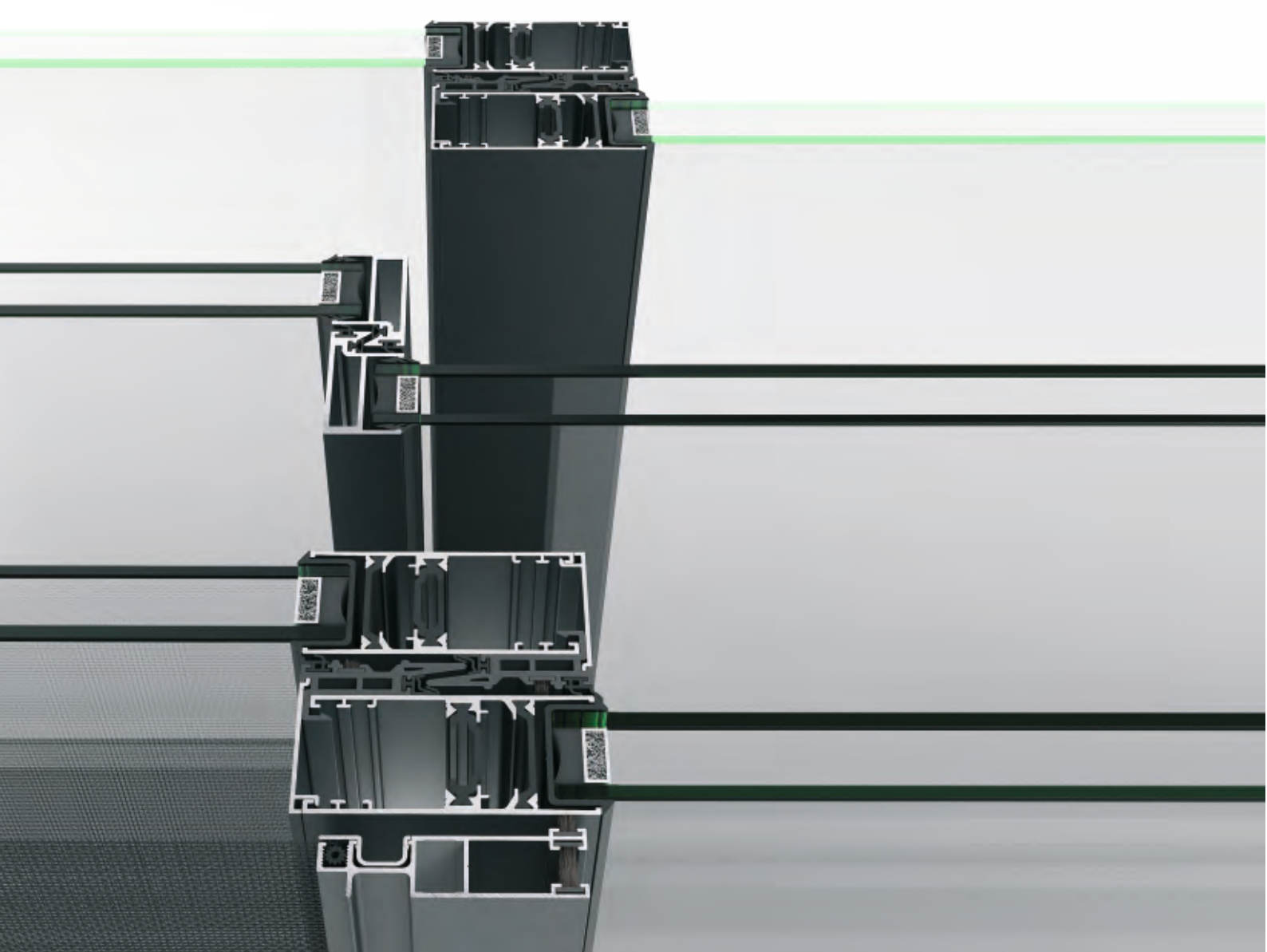


C1/B2
(EN 12210)



38
 $R_w(dB)$





System Advantages

Smart on Budget, Strong on Performance: A cost-effective alternative to larger sliding systems - without compromising the thermal insulation needed to meet standard energy requirements.

Uninterrupted Views, Maximum Light: Designed with an ultra-slim interlock, it floods interiors with natural light and offers seamless visual flow.

Proven Quality, Certified System: Built to perform, backed by industry leading IFT Rosenheim certifications for lasting reliability and peace of mind.

Simplified Fabrication & Installation: Modular design with pre-assembled thermal profiles and flexible components makes setup fast and efficient driving down labour cost.

Sustainable by Design: Crafted from eco-friendly, sustainable materials - good for performance and the planet.

Effortless, Precise Sliding: Optional stainless-steel rails and rollers ensure low-friction, ultra-smooth, quiet gliding - even with heavy sashes close to max loads, delivering top-tier durability

Typologies



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Technical Specifications Summary

Sash Type	Sliding
Max Sash Weight	240 kg
Sash Height	78 mm
Track Height	38.5mm
Double Track Width	93.4 mm
Thermal Interlock	81.3 mm
Slim Interlock	25 mm
Thermal Break Width	30 mm / 32 mm / 34 mm Polyamides
Glass Options	Up to 28 mm
Tracks Available	Double / Triple / Quadruple / Quintuple / Six-track
Corner / Pocket Options	Yes

Optional Add-ons

Flyscreen integration	
Integration with sliding shutters / louvres	
Stainless Steel rails and rollers	



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