



P700

Lift&Slide Thermal Hybrid

Premium performance
Aluminium Sliding
Lift & Slide System

POUPA
ALUMINIUM SYSTEMS
EXTRUSION COMPANY



P700

Lift&Slide Thermal Hybrid

Premium Sliding & Retractable Aluminum Frame System with High Thermal and Acoustic Performance

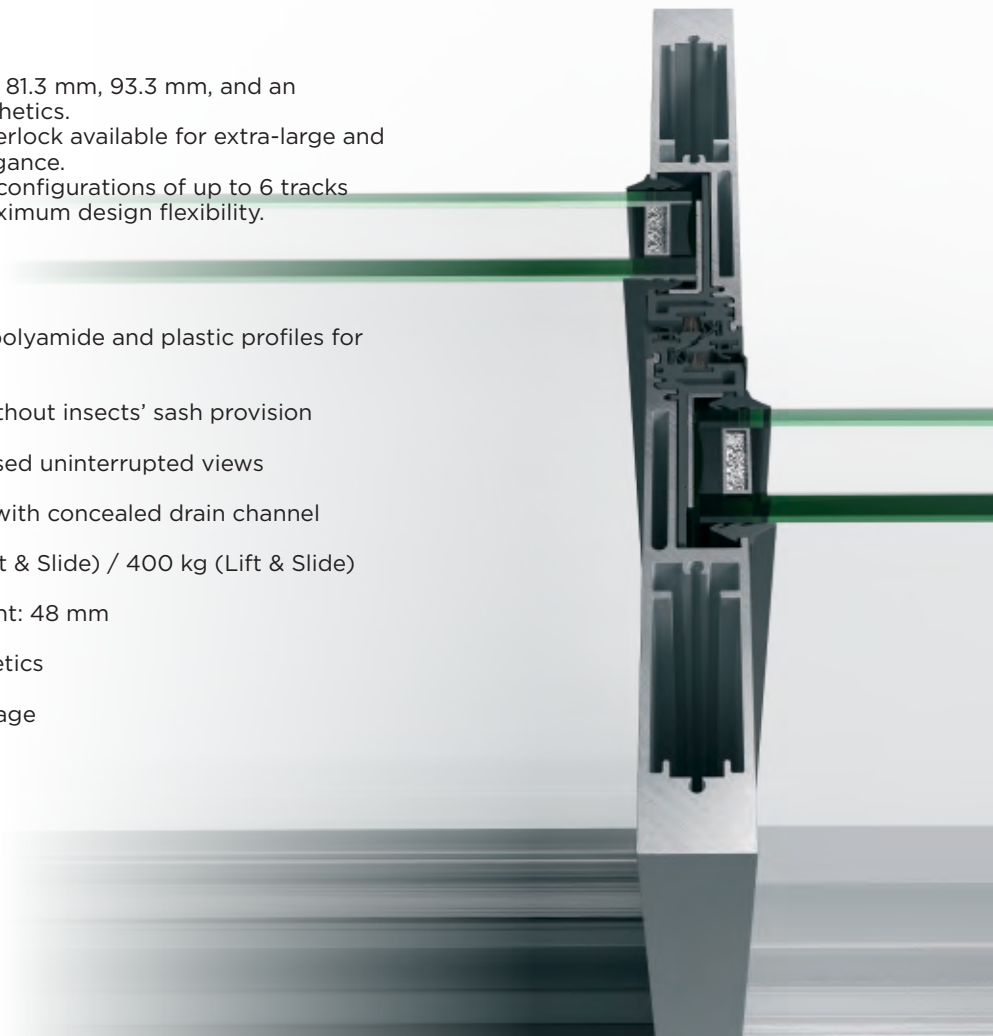
The most advanced aluminium sliding and lift-and-slide system in our range, engineered for the largest, heaviest, and most demanding applications. Designed without compromise, the **P700 Thermal Hybrid** offers unmatched strength, thermal efficiency, and flexibility for modern architecture. Capable of accommodating jumbo-sized sliding constructions up to 400 kg per sash, this system combines refined aesthetics with world-class performance.

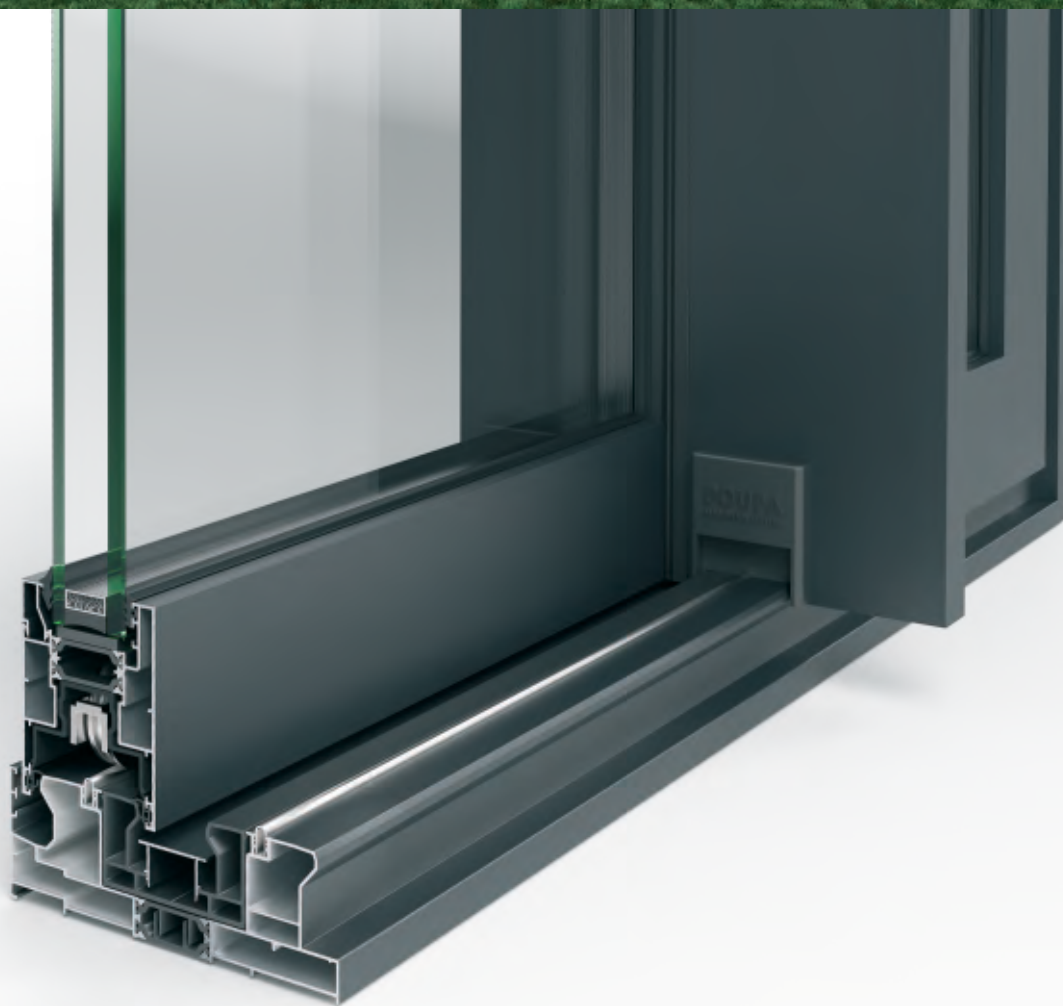
Robust Design. Superior Performance.

- ▮ Slim sightlines with thermal interlocks of 81.3 mm, 93.3 mm, and an industry-leading 25 mm for modern aesthetics.
- ▮ Additional reinforced 25 mm thermal interlock available for extra-large and heavy sashes without compromising elegance.
- ▮ Optional corner opening solutions, with configurations of up to 6 tracks and multiple panel arrangements for maximum design flexibility.

Key Design Features:

- ▮ Hybrid sliding system using aluminium, polyamide and plastic profiles for unparalleled thermal performance
- ▮ Up to six-track configurations with or without insects' sash provision
- ▮ Corner and pocket solutions to emphasised uninterrupted views
- ▮ Same floor level configuration available with concealed drain channel
- ▮ Sash up to 240 kg (sliding) / 300 kg (Lift & Slide) / 400 kg (Lift & Slide)
- ▮ Sash height: 78 mm, 90 mm | Track height: 48 mm
- ▮ Customizable interlocks for size & aesthetics
- ▮ Modern gasket layout & concealed drainage





1,0
 $U_w(W/m^2K)$



Class 4
(EN 12207)



Class 9A
(EN 12208)



C4
(EN 12210)



46
 $R_w(dB)$

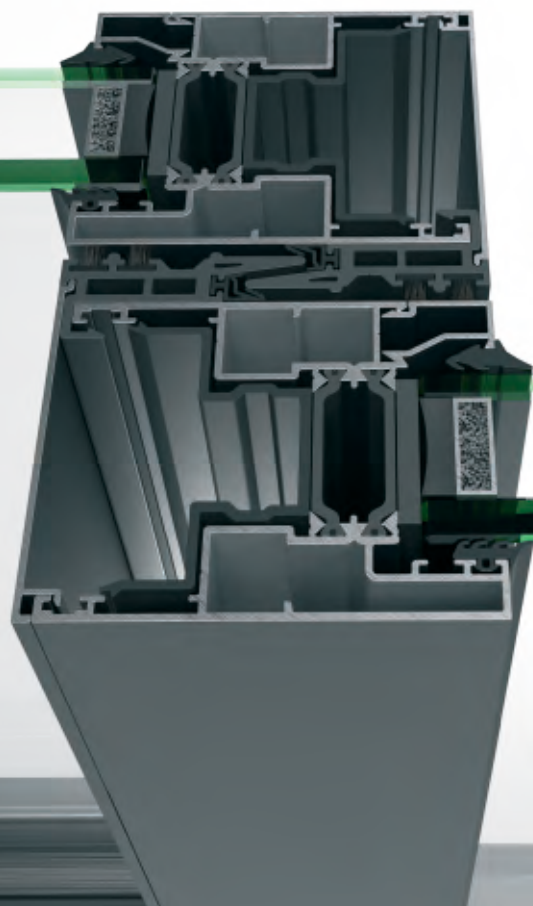


Advanced Thermal Technology

The P700 Thermal Hybrid system is engineered with 34 mm polyamide thermal barriers, delivering best-in-class thermal insulation. Unique placement of thermal breaks, plastic profiles wrapping internal surfaces, and high-grade gaskets ensure minimal thermal bridging and high energy efficiency.

System Advantages:

- **Exceptional Strength:** Designed for large and heavy sashes up to 400 kg.
- **Thermal Excellence:** Engineered with high-performance thermal breaks and interlocks for superior insulation.
- **Smooth Operation:** Stainless steel rails and rollers, which come as standard, ensure effortless movement even under extreme loads.
- **Architectural Freedom:** Corner solutions and multi-track options allow limitless design possibilities.
- **Reliability:** Precision-engineered German and Italian sliding and lift-and-slide mechanisms guarantee long-lasting performance.
- **Premium Engineering Build:** Advanced design that ensures superior thermal and acoustic insulation, exceptional performance under extreme weather conditions, effortless sliding operation, and refined minimalist design options.



Typologies



P700

Lift&Slide Thermal Hybrid

Technical Specifications

Sash Types	Sliding / Lift & Slide
Max Sash Weight	240 kg (Sliding) / 300 - 400kg (Lift & Slide)
Sash Height	78 mm / 90 mm
Track Height	48 mm
Double track Width	152 mm
Thermal Interlocks	81.3 mm / 93.3 mm / 25 mm
Reinforced Interlocks	90 mm, 25 mm
Thermal Break Width	34 mm polyamides
Glass Options	Up to 45 mm
Tracks Available	Double / Triple / Quadruple / Quintuple / Six-Track
Corner / Pocket Options	Yes



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