



EUROPA[®] A40 SI/HS/SL
Hybrid

EUROPA[®]
ALUMINIUM SYSTEMS

EUROPA[®] A40SL Hybrid

LIFT & SLIDE THERMAL BREAK SYSTEM / PATIO DOORS

EUROPA Hybrid A40 SL thermal break sliding system is the ideal advanced lift and slide system for residential sliding (patio) doors and windows providing ultimate thermal and sound insulation. Its modern design, with straight profile lines meets every contemporary architectural requirement. Also available in sliding with fixed part typology.

- **Ultimate sealing:**
Advanced sealing with the use of two different gaskets.
- **Easy and durable operation:**
Smooth sliding with the lift and slide mechanism up to 10 sq m openings/ 200 kg per sash
- **Glazing options:**
Advanced thermal and sound insulation using double or triple glass up to 36mm.
- **Special applications:**
Additional construction options due to sliding with fixed part special application
- **Advanced thermal insulation:**
Optimized energy efficiency

$$U_F = 1.6 - 3.2 \text{ w/m}^2\text{K}$$

$$U_w = 1.17 \text{ w/m}^2\text{K}$$

$$\text{FRAME} / U_e = 1200 \text{ mm} \times 2300 \text{ mm} / 0.6 / 1$$





Summer house in Aliveri, Greece

EUROPA[®] A40 SI Hybrid

OPENING THERMAL BREAK SYSTEM / WINDOWS

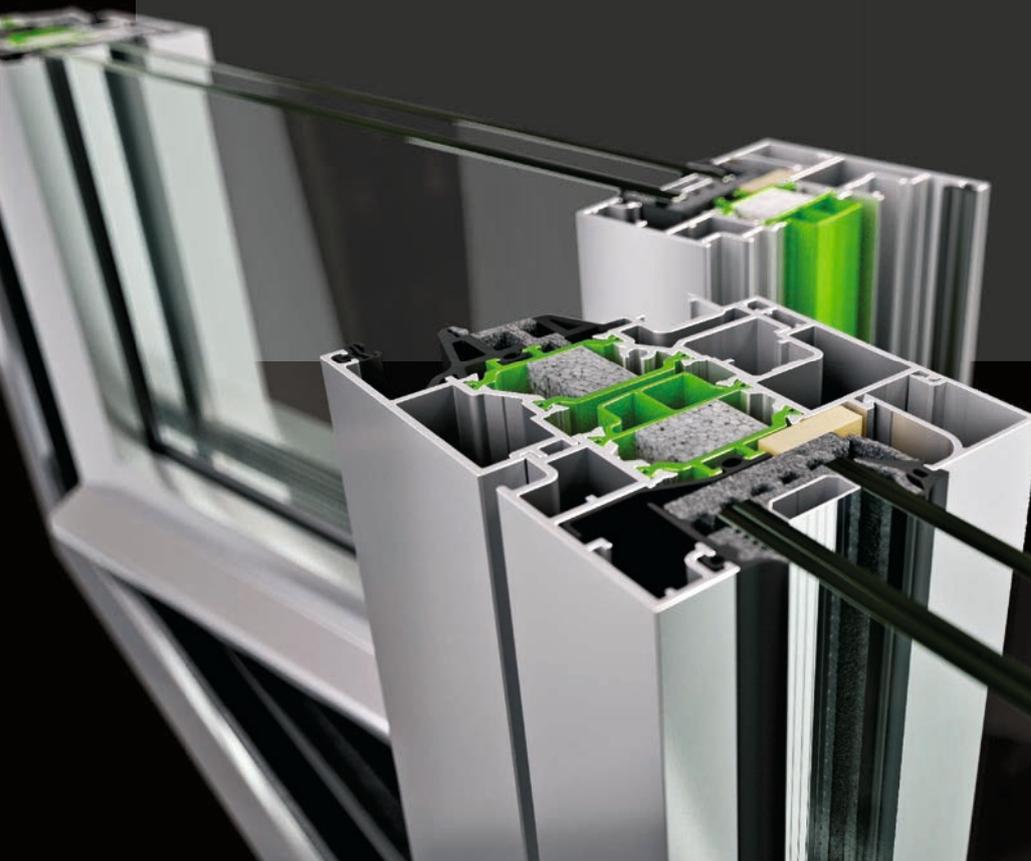
EUROPA Hybrid A40 SI thermal break opening system is a high-end architectural aluminium system for doors and windows with ultimate thermal and sound insulation. Its modern aesthetic, with straight profile line design meets every modern architectural requirement and functional need.

- **Ultimate sealing:**
Maximum air and water tightness using specially designed EPDM gaskets.
- **Superior safety levels:**
Optional multilocking mechanism available.
- **Glazing options:**
Higher thermal and sound insulation due to double or triple glass up to 44mm.
- **Advanced thermal insulation:**
Optimized energy efficiency

$$U_f = 1.1 - 1.8 \text{ w/m}^2\text{K}$$

$$U_g = 1.07 \text{ w/m}^2\text{K}$$

$$\text{FRAME} / U_g = 1200 \text{ mm} \times 2300 \text{ mm} / 0.6 / 1$$





Amber Gardens project in Tunari, Romania



House in Athens, Greece



Housing project in Romania



Apartment block in Koukaki, Athens



Luxury villa in Rhodes, Greece



House in Rhodes, Greece

EUROPA[®] A40HS Hybrid

OPENING THERMAL BREAK SYSTEM / HIDDEN SASH



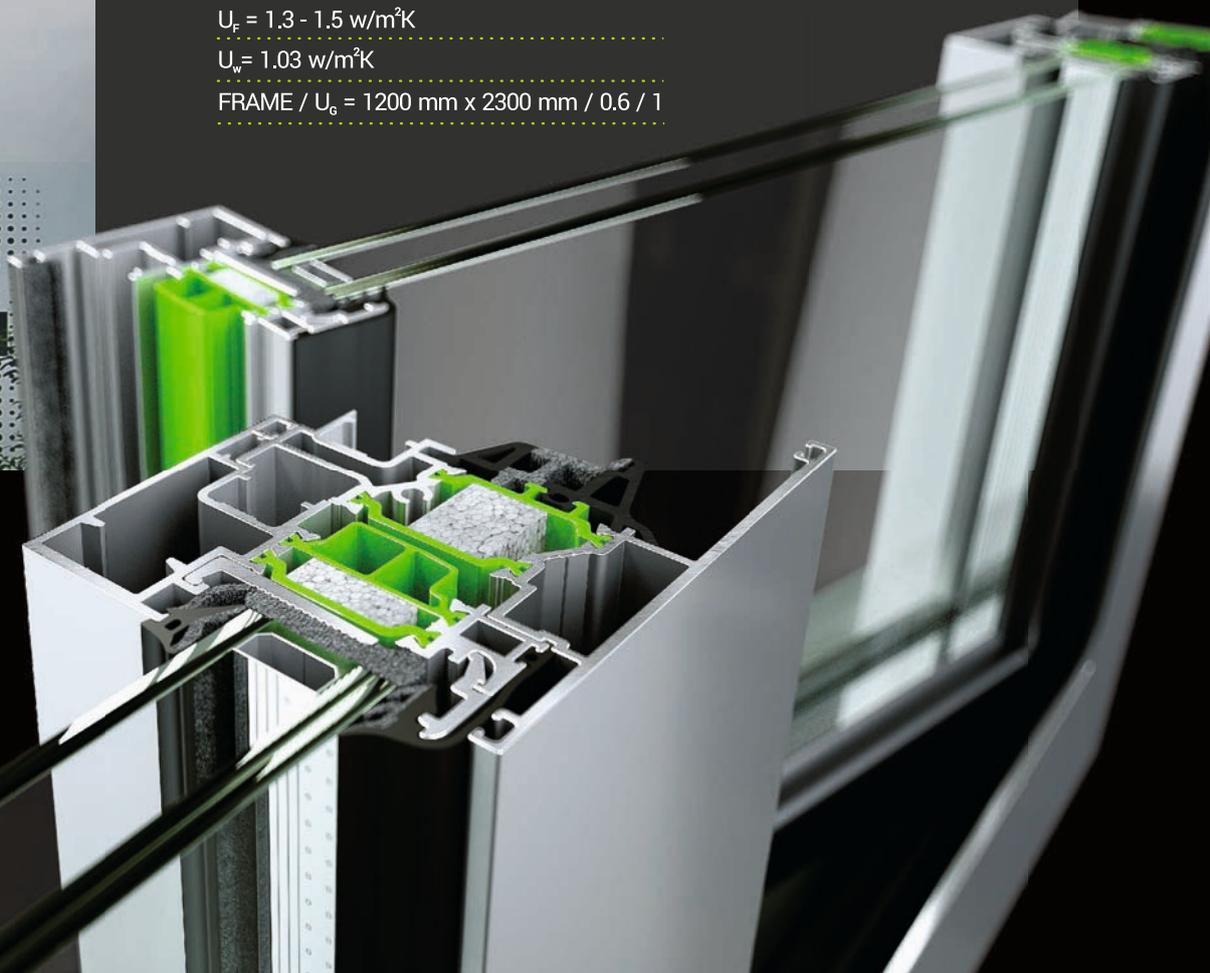
EUROPA Hybrid A40 HS combines the advantages of the EUROPA Hybrid A40 SI system with the additional Hidden Sash architectural trend. The frame is specially designed to cover the sash ideally, so as the outer joints are not visible offering higher aesthetic result. The uniformity is visible even in the choice of an opening with fixed combination typology. The series provides the extra potentiality of totally aligned level entrance doors.

- **Ultimate sealing:**
Maximum air and water tightness due to specially designed EPDM gaskets.
- **Superior safety levels:**
Optional multilocking mechanism available.
- **Glazing options:**
Higher thermal and sound insulation due to double or triple glass up to 44mm.
- **Minimal higher aesthetics:**
Minimal architectural design due to the hidden sash construction
- **Advanced thermal insulation:**
Optimized energy efficiency

$$U_g = 1.3 - 1.5 \text{ w/m}^2\text{K}$$

$$U_w = 1.03 \text{ w/m}^2\text{K}$$

$$\text{FRAME} / U_g = 1200 \text{ mm} \times 2300 \text{ mm} / 0.6 / 1$$





EUFOPA[®] A40 HS|SI|SL Hybrid

www.techart.nz



Residence in Komotini, Greece



Summer house in Evia, Greece

EUROPA Hybrid A40 series are the new advanced anniversary systems. While enriching the company's wide range of architectural solutions, the series also emphasize on the 40 years celebration campaign. High aesthetics, remarkable high performance and certifications are the key characteristics which ideally conclude the company's vision and strategy worldwide:

- **Ultimate thermal/sound insulation and sealing:**
Ensuring ideal in-house conditions with advanced soundproofing and low energy consumption due to thermal insulation.
- **Variety of options:**
Offering vast variety of options regarding dimensions, applications and custom design.
- **Advanced aesthetics and colour options:**
Contributing to advanced aesthetics with a wide choice of colours. Different colour designs inside and outside are also available upon request (Qualicoat and Qualideco certified).
- **Specially designed accessories:**
Easily operated with wide range of high-quality fittings components.
- **Performance certified:**
Major notified laboratories worldwide certify the high standards of the series' performance (IFT Rosenheim, DTI, AAMA, AWA, Istituto Giordano etc)



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