EXLABESA
ARCHITECTURE

Massive. Beautiful.
Efficient.

ARS-62 C16

Hinged system with thermal break.



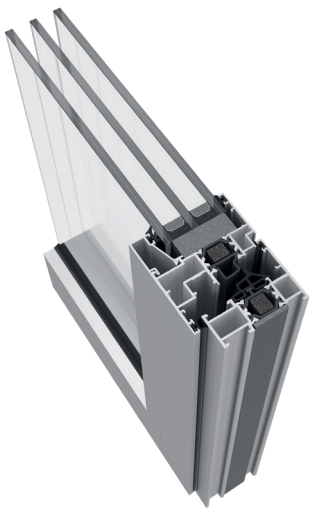
The **ARS-62 C16** is a hinged thermal break system designed for configurations with Euro Groove 16 hardware. It features a 92 mm sash-to-frame visible section and a 62.5 mm frame depth.

With a U_f thermal transmittance of 2.0 W/m²K, it provides a good level of thermal insulation, while its Euro Groove 16 configuration allows a wider range of hardware options and provides greater flexibility.

It accommodates micro-ventilation, concealed hardware and frames with concealed drainage. In addition, its compatibility with the ARS platform facilitates the shared use of dies and accessories, helping to standardise manufacturing.

Features

- Euro Groove 16
- Visible sash-frame section of 92 mm
- Frame depth of 62.5 mm
- Concealed hardware and micro-ventilation option
- Option of concealed frame with drainage
- Thermal transmittance UF of 2.0 W/m²K
- 24 mm polyamide, EPDM central seal and high-performance thermal insulation foams
- Safety packer for load optimisation
- Full compatibility with the ARS platform for standardised fabrication



TECHNICAL FEATURES

Design

The **ARS-62 C16** features a 62.5 mm depth and a 92 mm visible section. Its design, adapted to configurations with Euro Groove 16 hardware, expands the range of hardware options. It accommodates glazing units of up to 58 mm.

Features

The system incorporates 24 mm polyamide, a central EPDM sponge gasket, and high-performance thermal insulation foams, together with a safety packer, ensuring watertightness, efficient thermal insulation, and correct load transfer to the hardware.

Benefits

With a thermal transmittance U_f of 2.0 W/m²K and U_w values of up to 0.9 W/m²K depending on configuration, the **ARS-62 C16** delivers a balanced performance between comfort and energy efficiency. Its acoustic insulation reaches up to 44 dB, while results from weather tests (Class 4/E2400/C5) guarantee safe and reliable performance under normal use conditions.

Possibilities

La **ARS-62 C16** provides solutions such as concealed hardware, micro-ventilation, and frames with concealed drainage, providing flexibility to adapt to different technical and aesthetic requirements.



Max. recomm. dimensions (LxH) HINGED*	1600x2800 mm/sash
Max. recomm. dimensions (LxH) T&T*	1400x2400 mm/sash
Maximum recommended weight**	150 kg/sash
Maximum glazing	58 mm
Polyamide	24 mm
Thermal insulation U_w***	Up to 0.9 W/m²K
Thermal insulation U_f	2.0 W/m²K

Weather test results for a 2-sash window 1230x1480 mm
* For a 1 sash window
** Depending on the dimensions and type of opening
*** For a 1 sash window 1100x2200 mm

