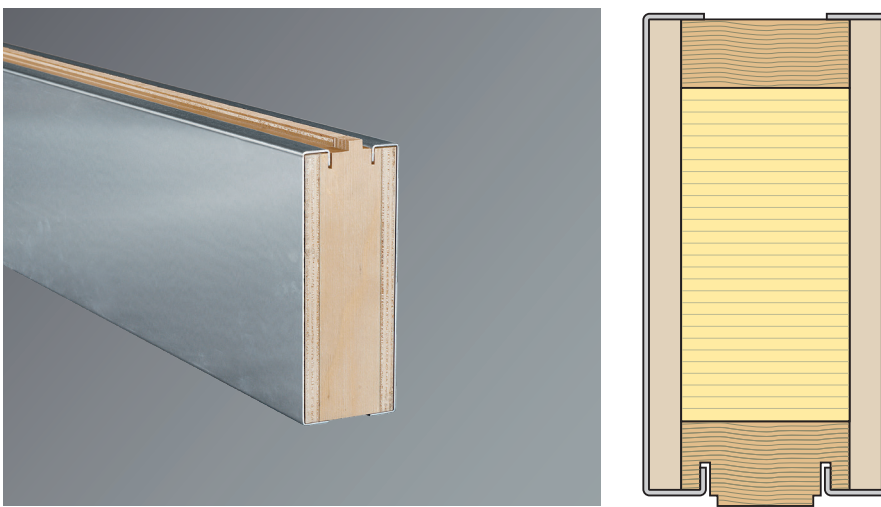


Frame extension elements for aluminium windows Standard

Product description

The Frinorm standard frame extension elements for aluminium windows are suited for high thermal insulation requirements. The aluminium shell is purely mechanically mounted. Due to the high expansion coefficient of the aluminium, the aluminium shell is only clamped into the guide groove. The aluminium shell is available for one or both sides from Frinorm or on site. All RAL and NCS colours are available. The standard frame extension elements are available with chipboard P5, E1, untreated, or plywood panel AW100. PUR rigid foam, 32 kg/m³, or expanded polystyrene rigid foam with graphite additive (EPS lambda), 25 kg/m³, is used as standard for thermal insulation. Other types of thermal insulation, such as glass wool, are also available. The frame extension elements are fabricated with a circumferential spruce pine edge band. Special edge bands can be inset according to your requirements. All possible CNC edge profile work is performed on all sides according to your profile specifications.



Range and design

Type	Cover panel and surface	Thermal insulation	Edge band	U-values	dB-values
Chipboard	Both sides 10 mm or 16 mm, chipboard P5, E1, untreated	PUR rigid foam, 32 kg/m ³ , or polystyrene rigid foam with graphite additive (EPS lambda), 25 kg/m ³	Spruce pine, circumferential (Special edge bands are inset according to your requirements)	Thermal transmittance coefficients up to 0.2 W/m ² K (For U-values, see table on technical data sheet)	Airborne sound insulation values of up to 33 dB (For dB-values, see table on technical data sheet or on download of test reports)
Plywood	Both sides 12 mm, plywood panel AW100, untreated				

Thicknesses

Thicknesses from 40 to 99 mm can be produced.

For thicknesses of 100 mm and more, see frame extension elements for aluminium lifting sliding doors.

Formats

All formats from 500 × 95 mm to 3588 × 1294 mm can be produced.

CNC edge milling

All possible CNC edge profile work is performed on all sides according to your profile specifications.

Consultation

For more information please refer to the technical data sheets.

Our technical consultants are at your service for all questions.