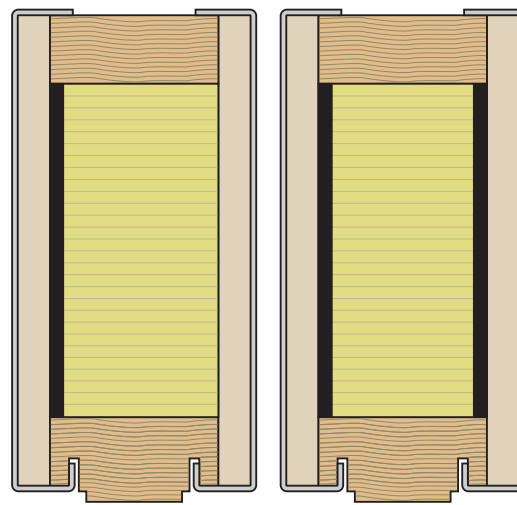
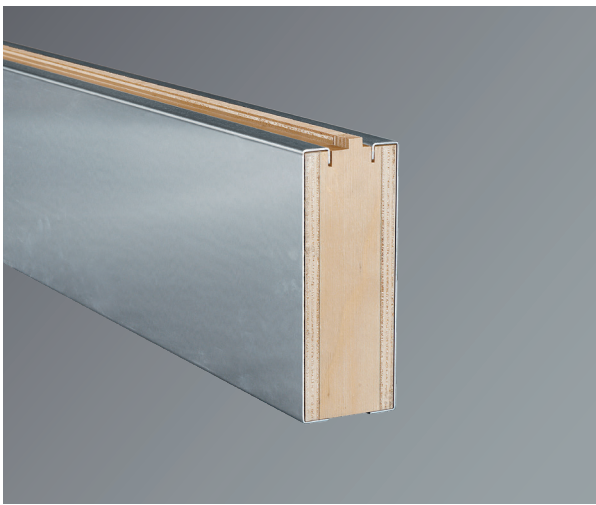


Frame extension elements for aluminium windows Sound insulation

Product description

The Frinorm sound insulation frame extension elements for aluminium windows are especially suited for high demands on sound insulation as well as 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 sound insulation frame extension element is available with chipboard P5, E1, untreated, or plywood board AW100. Depending on the sound insulation requirements, the frame extension elements are fabricated with one or two layers of heavy bitumen foil. Glass wool, 20 kg/m³, is used for thermal insulation. The frame extension elements are fabricated with a circumferential spruce 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	Glass wool, 20 kg/m ³	Spruce, circumferential	Thermal transmittance coefficients up to 0.3 W/m ² K	Airborne sound insulation values up to 43 dB
Plywood	Both sides 12 mm, plywood board AW100, untreated	Sound insulation 1: 1 piece of heavy bitumen foil Sound insulation 2: 2 pieces of heavy bitumen foil	(Special edge bands can be inset according to your requirements)	(For U-values, see table on technical data sheet)	(For dB-values, see table on technical data sheet or on download of test reports)

Thicknesses

Thicknesses from 40 mm to 112 mm can be produced.

For thicknesses as from 113 mm, 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.