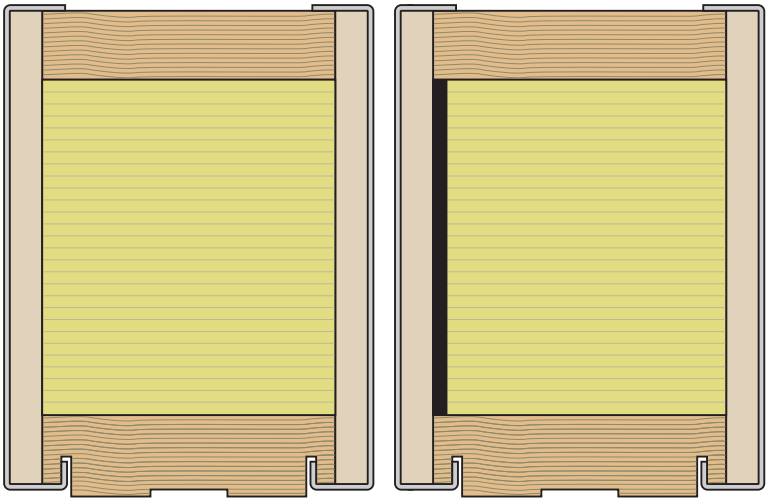
Product description

FRINORM®

Frame extension elements for aluminium lifting sliding doors Sound insulation

Product description

The Frinorm sound insulation frame extension elements for aluminium lifting sliding doors 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 elements are available with chipboard P5, E1, untreated, or plywood panel AW100. Depending on the sound insulation requirements, the frame extension elements are fabricated with a heavy bitumen foil. Glass wool, 20 kg/m³, is used for thermal insulation. The frame extension elements are fabricated with a circumferential plywood 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, chipboard P5, E1, untreated	**Sound insulation 1:** glass wool, 20 kg/m³ **Sound insulation 2:** glass wool, 20 kg/m³ 1 piece of heavy bitumen foil	Plywood IW67, circumferential (Special edge bands are inset according to your requirements)	Thermal transmittance coefficients up to 0.1 W/m²K (For U-values, see table on technical data sheet)	Airborne sound insulation values of up to 46 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 100 to 220 mm can be produced.
For thicknesses below 100 mm, see frame extension elements for aluminium windows.

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.

Frinorm AG, Wärmedämmelemente

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