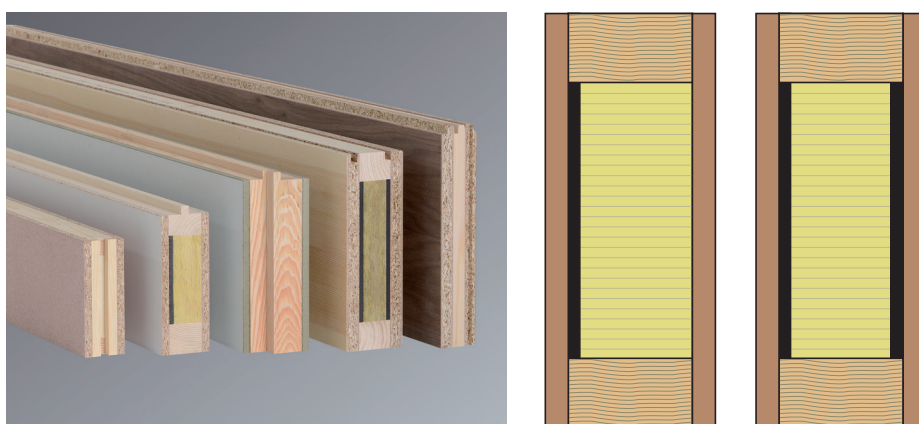


Frame extension elements for wooden and wood-metal windows

Sound insulation

Product description

The Frinorm sound insulation frame extension elements are the right choice especially for high demands on sound insulation as well as high demands on thermal insulation. They are available with chipboard P5, E1, either untreated, covered with primer foil or with a real wood veneer in all types of wood, Biofaser Hydropan hardboard either untreated or with a real wood veneer, or medium-density fibreboard (MDF) with primer foil P3, E1. Depending on the sound insulation requirements, the frame extension elements are fabricated with one or two heavy bitumen foils. Glass wool, 20 kg/m³, is used for thermal insulation. The window 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. Special CNC processing like cut-outs, round and segment arches, ventilation slots or surface grooves are also possible.



Range and design

Type	Cover panel and surface	Thermal and sound insulation	Edge band	U-values	dB-values	
Untreated	Both sides 10 mm or 16 mm, chipboard P5, E1, untreated	Glass wool, 20 kg/m ³	Spruce, circumferential (Other types of wood are also available; special edge bands are inset according to your requirements)	Thermal transmittance coefficients up to 0.3 W/m ² K	Airborne sound insulation values of up to 46 dB	
	Both sides 8 mm, Biofaser BF-STX, untreated					
Primer foil	Both sides 10 mm or 16 mm, chipboard P5, E1, coated with white primer foil					
	Both sides 10 mm, medium-density fibreboard (MDF) P3, E1, coated with white primer foil					
Veneered	Both sides 10 mm or 16 mm, chipboard P5, E1, coated with 1 mm real wood veneer; all types of wood available: spruce, pine, larch, fir, oak, etc.; veneer quality A/B (inside A/ outside B) or A/A (inside A/outside A)					Sound insulation 1: 1 piece of heavy bitumen foil
	Both sides 8 mm, Biofaser BF-STX, covered with 1 mm real wood veneer; all types of real wood veneers available: spruce, pine, larch, fir, oak, etc.; veneer quality A/B (inside A/outside B) or A/A (inside A/outside A)					Sound insulation 2: 2 pieces of heavy bitumen foil

Thicknesses

Thicknesses from 40 mm to 99 mm can be produced

For thicknesses as from 100 mm, see frame extension elements for wooden and wood-metal lifting sliding doors

For thicknesses below 40 mm, see infill for wooden and wood-metal windows

Formats

All formats from 500 × 95 mm up to 3588 × 1294 mm can be manufactured

CNC edge milling

All possible CNC edge profile work is performed on all sides according to your profile specifications. Special CNC processing like cut-outs, round and segment arches, ventilation slots or surface grooves are also possible.

Consultation

For more information please refer to the technical data sheets.

Our technical consultants are at your service for all questions.