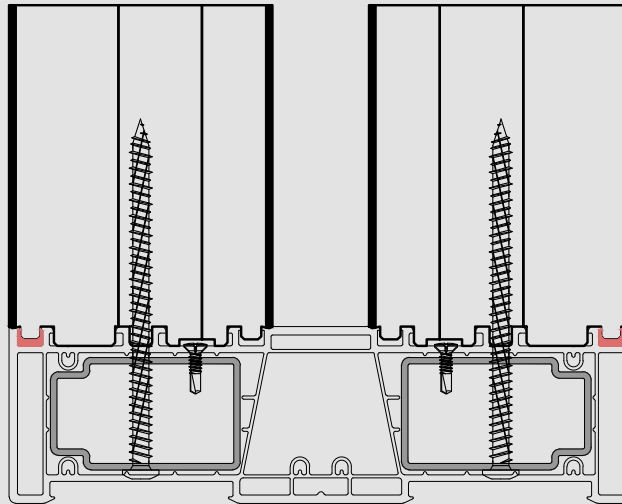


Frame Extension PVC/TK HS SALAMANDER for BT 82

For perfect sound and thermal insulation.



MADE TO MEASURE
FERTIGUNGSZENTRUM
Meesenburg

Product features:

The blaugelb Frame Extension PVC/TK HS with sound and thermal insulation properties was specially developed for installation as an extension of the lifting/sliding door frame made of plastic. It consists of a layer structure with a core made of engineering-grade plastic (TK) in the anchoring plane as well as two insulating layers made of rigid polystyrene foam on the sides that are enclosed by two PVC surface layers adapted to the white tone of the frame profile. The use of this special layer structure results in a force-locking connection with the door frame, an outstanding thermal insulation as well as good sound insulation properties.

The lifting/sliding door frame extension is designed for optimum and quick installation thanks to its resilience and its low weight. Thanks to the profile-specific contour, the lifting/sliding door frame extension adapts seamlessly to the existing door frame profile and ensures the perfect transition between the profiles. Thermal separation is thus achieved without the generation of an additional thermal bridge, e.g. due to a steel core.

Effective insulation offering high potential savings

Permanently eliminates energy weak points on components and increases the sound insulation

Defined sealing between door frame and frame extension for maintaining airtightness

Low weight

UV-resistant PVC top layer

The contoured mount guarantees quick and easy installation of the profile with the blaugelb Frame Screw Fix FK-T30 and precise positioning thanks to the contour cutting. This prevents the formation of a hollow chamber between the frame extension and the frame, and airtightness is achieved thanks to the process-safe sealing.

The product range is available in ready lengths of 2,500 and 3,000 mm.

Product benefits:

- effective insulation offering high potential savings
- permanently eliminates energy weak points on components and increases the sound insulation and indoor comfort
- screw connection through the dowel hole bore 8 mm
- PVC surface layer matched to the white tone of the profile
- defined sealing between door frame and lifting/sliding door frame extension for maintaining airtightness
- low weight
- dimensionally stable, 100 % free of HCFCs, HFCs and HBCDs
- UV-resistant PVC top layer

Technical data:

Surface and top layer:	On both sides 2 mm PVC white
Material:	Rigid polystyrene foam (XPS) Core made of thermoplastic resin (TK)
Compressive load bearing capacity at 60 x 40 mm: (blaugelb Spacer Block)	4,440 N
Compressive load bearing capacity at 170 x 53 mm: (blaugelb Shim Block HST)	16,669 N
Compressive load bearing capacity at 210 x 53 mm: (blaugelb Shim Block HST)	20,628 N
Thermal transmittance value U-value at 82 mm 30 dB:	0.398 W/m ² K
Water vapour diffusion resistance: DIN 4108-3:2018	Vapour-retardant
Airborne sound insulation: DIN EN ISO 717-1	Without sound insulation membrane: R _w 30.0 dB ± 1.2 dB
Dimensional stability:	Very high, including outdoor weathering
Water absorption after 28 days under water: DIN 12087	≤ 0.5 vol. %
Screw withdrawal values: blaugelb Frame Screw Fix FK-T30 7.5 x L mm 60 mm screw-in depth	X-axis: F _{RK} 1.77 kN Y-axis: F _{RK} 3.06 kN
UV-resistance of the PVC top layer: DIN EN 513 (irradiation energy 12 GJ/m ² or outdoor weathering over 5 years)	Fastness to weathering and light: No colour variations occur that exceed grey scale grade 4 according to ISO 105-A03
Waste code:	AWV 070213

Product name	PU	Item no.
blaugelb Frame Extension PVC/TK HS 82 x 125 x 3000 30 dB SALAMANDER for BT 82	1 piece	3100006154
blaugelb Frame Extension PVC/TK HS 82 x 150 x 2500 30 dB SALAMANDER for BT 82	1 piece	3100006164
blaugelb Frame Extension PVC/TK HS 82 x 150 x 3000 30 dB SALAMANDER for BT 82	1 piece	3100006155
blaugelb Frame Extension PVC/TK HS 82 x 175 x 2500 30 dB SALAMANDER for BT 82	1 piece	3100006165
blaugelb Frame Extension PVC/TK HS 82 x 175 x 3000 30 dB SALAMANDER for BT 82	1 piece	3100006156
blaugelb Frame Extension PVC/TK HS 82 x 200 x 2500 30 dB SALAMANDER for BT 82	1 piece	3100006166
blaugelb Frame Extension PVC/TK HS 82 x 200 x 3000 30 dB SALAMANDER for BT 82	1 piece	3100006157
blaugelb Frame Extension PVC/TK HS 82 x 225 x 2500 30 dB SALAMANDER for BT 82	1 piece	3100006167
blaugelb Frame Extension PVC/TK HS 82 x 225 x 3000 30 dB SALAMANDER for BT 82	1 piece	3100006158
blaugelb Frame Extension PVC/TK HS 82 x 250 x 2500 30 dB SALAMANDER for BT 82	1 piece	3100006168
blaugelb Frame Extension PVC/TK HS 82 x 250 x 3000 30 dB SALAMANDER for BT 82	1 piece	3100006159

Delivery and storage form:

Pre-drilling the dowel hole bore 8 mm. Seal between frame and lifting/sliding door frame extension achieved with blaugelb Hybrid Polymer Crystal. Screw connection performed by the blaugelb Frame Screw Fix.

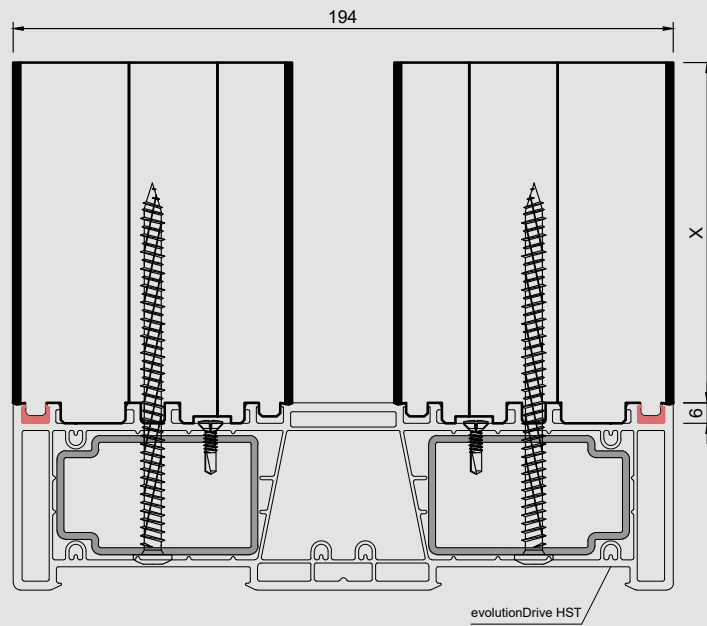
Delivery and storage form:

Store in its original packaging. Current packaging: Use of a PE stretch film.

Disposal:

According to Waste Catalogue Ordinance: Code no. 070213 (plastic waste)

Product name	PU	Item no.
blaugelb Frame Extension PVC/TK HS 82 x 50 x 2500 30 dB SALAMANDER for BT 82	1 piece	3100006160
blaugelb Frame Extension PVC/TK HS 82 x 50 x 3000 30 dB SALAMANDER for BT 82	1 piece	3100006151
blaugelb Frame Extension PVC/TK HS 82 x 75 x 2500 30 dB SALAMANDER for BT 82	1 piece	3100006161
blaugelb Frame Extension PVC/TK HS 82 x 75 x 3000 30 dB SALAMANDER for BT 82	1 piece	3100006152
blaugelb Frame Extension PVC/TK HS 82 x 100 x 2500 30 dB SALAMANDER for BT 82	1 piece	3100006162
blaugelb Frame Extension PVC/TK HS 82 x 100 x 3000 30 dB SALAMANDER for BT 82	1 piece	3100006153
blaugelb Frame Extension PVC/TK HS 82 x 125 x 2500 30 dB SALAMANDER for BT 82	1 piece	3100006163



X = 50, 75, 100, 125, 150, 175, 200, 225, 250 mm