

Profile-specific production for **optimal use** with different systems – at heights up to 80 mm.



blaugelb Sill Connection Profile

For an ideal thermal separation between the exterior and interior window sill.

- Provides technically and visually clean support for the exterior and interior window sill
- Secure load transfer, even with high element weights
- The flat flanks ensure no deformation in the area of the spacer block perpendicular to the window plane, thus preventing impermissible movement when used
- Reduction of service required for window adjustment
- Reduction of the thermal bridge between the interior window sill and the exterior window sill

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Product features:

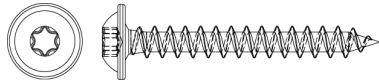
The blaugelb Sill Connection Profile made of highly compressed EPS (expanded polystyrene) offers the best possible heat and moisture protection and enables technically and visually clean installation/attachment of the exterior and interior window sill that is individually adapted to the installed window or door elements – including optimal thermal separation.

The sill connection profile is narrower than the window frame, so it is possible to optimally position the inner or outer window sill. The blaugelb Sill Connection Profiles can be produced at heights of 30 to 80 mm. A tongue and groove connection allows unlimited extension here and the excellent compressive strength of 1,260 kg/dm² means that the profiles can also be used for large and very wide window elements without any problems.

The profile-specific sill connection profiles for plastic, wood or aluminium windows are available in various shapes and heights.

Sealing recommendation: Seal between the window frame and the blaugelb Sill Connection Profile with blaugelb Hybrid Polymer Crystal (item no. 0426600).

To screw onto the window sill, we recommend a window sill screw with pressed-on washer in A2 4.5 x 35 mm item no. 9024210, RAL 9016 4.5 x 35 mm item no. 9071019 or RAL 7016 4.5 x 35 mm item no. 9071018

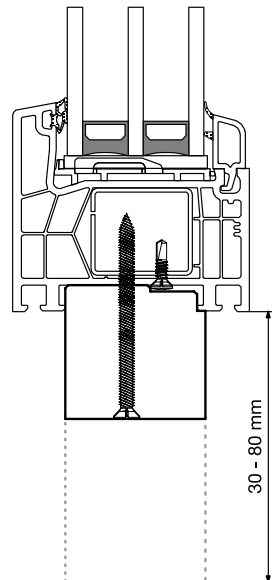


Product benefits:

- Provides technically and visually clean support for the exterior and interior window sill
- Secure load transfer, even with high element weights
- The flat flanks ensure no deformation in the area of the spacer block perpendicular to the window plane, thus preventing impermissible movement when used
- Reduction of service required for window adjustment
- Reduction of the thermal bridge between the interior window sill and the exterior window sill
- Guarantees good thermal insulation
- Suitable for all plastic and/or aluminium windows due to individual cutting
- Suitable for stone and aluminium window sills due to the overall height of 35 and 40 mm
- Secured screw connection of the aluminium window sill
- Tongue and groove connection for unlimited extension
- Optimal transport, pallet size 1,200 mm
- Area of application in new and old buildings
- One solution for all profile systems

Technical data:

Material:	high-density EPS (expanded polystyrene), high ductility
Colour:	grey
Compressive load bearing capacity at max. total deformation of 2 %:	1,260 kg/dm ²
Compressive load bearing capacity at 60 x 40 mm: (blaugelb Spacer Block)	5,800 N
Fire behaviour: DIN 4102-1:1998-05	B2
Thermal conductivity nominal value λ_D : DIN EN 12667	$\lambda = 0.040 \text{ W/m}^2\text{K}$
Water vapour diffusion resistance: DIN EN ISO 12572	380 – 550 μ
Air permeability: EN 12207	class 4
Moisture protection: DIN 4108-3	vapour-retardant
Bending strength: DIN EN 12089	$\geq 650 \text{ kPa}$
Compression stress (2%) compression: DIN EN 13163:2015-04	$\geq 1,100 \text{ kPa}$
Shear strength: DIN EN ISO 14130	0.217 N/mm ²
Dimensional strength: DIN ISO 75-1	short periods up to +95 °C long periods up to +85 °C
Dimensional stability: DIN EN 13163:2015-04	very high, including outdoor weathering
Water absorption after 28 days under water: DIN 12087	$\leq 1.5 \text{ vol. \%}$
Screw withdrawal values: blaugelb Frame screw Fix FK-T30 7.5 x 42 mm sfs window sill screw 4.5 x 35 mm	$F_{RK, AZ} 1,200 \text{ N}$ $F_{RK, AZ} 510 \text{ N}$
Compatibility with conventional building materials:	compatible, except for solvents, solvent-bearing materials and materials that are not polystyrene-compatible
Ageing resistance:	mould-proof, does not rot
Waste code:	code no. 170604 code no. 170904



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Product name	PU	Item no.
blaugelb Sill Connection Profile Aluplast 35x40x1200 mm Aluplast 4000	26 Pieces	3100000164
blaugelb Sill Connection Profile Aluplast 35x40x1200 mm Aluplast 7000/8000	26 Pieces	3100000205
blaugelb Sill Connection Profile Basic 30x45x1200 mm KBE 70, Rehau 60, VEKA 70, WDS 60/70	30 Pieces	3100000168
blaugelb Sill Connection Profile Gealan 30x45x1200 mm Gealan 8000/9000	28 Pieces	3100000208
blaugelb Sill Connection Profile Gealan 35x45x1200 mm Gealan 8000/9000	25 Pieces	3100000163
blaugelb Sill Connection Profile Gealan 40x45x1200 mm Gealan 8000/9000	23 Pieces	3100000207
blaugelb Sill Connection Profile Gealan 50x45x1200 mm Gealan 8000/9000	19 Pieces	3100000420
blaugelb Sill Connection Profile Gealan 60x45x1200 mm Gealan 8000/9000	16 Pieces	3100000348
blaugelb Sill Connection Profile Gealan 70x45x1200 mm Gealan 8000/9000	14 Pieces	3100000421
blaugelb Sill Connection Profile Inoutic Eforte 35x40x1200 mm Inoutic Eforte 84	26 Pieces	3100000160
blaugelb Sill Connection Profile Inoutic Prestige 25x30x1200 mm Inoutic Prestige 76	16 Pieces	3100000291
blaugelb Sill Connection Profile Inoutic Prestige 35x40x1200 mm Inoutic Prestige 76	25 Pieces	3100000161
blaugelb Sill Connection Profile Profine 30x60x1200 mm Profine 76/88	28 Pieces	3100000233
blaugelb Sill Connection Profile Profine 35x45x1200 mm Profine 76/88	25 Pieces	3100000165
blaugelb Sill Connection Profile Profine 80,2x45x1200 mm Profine 76/88	12 Pieces	3100000410
blaugelb Sill Connection Profile Profine 45x45x1200 mm Profine 88	21 Pieces	3100000293
blaugelb Sill Connection Profile Profine 50x45x1200 mm Profine 88	19 Pieces	3100000276
blaugelb Sill Connection Profile Rehau 35x40x1200 mm Rehau Synego/Geneo	25 Pieces	3100000166
blaugelb Sill Connection Profile Rehau 35x45x1200 mm Rehau Synego/Geneo (stone window sill)	25 Pieces	3100000210
blaugelb Sill Connection Profile Rehau 36x40x1200 mm Rehau Synego	23 Pieces	3100000258
blaugelb Sill Connection Profile Salamander 30x40x1200 mm bluEvolution 82	30 Pieces	3100000220
blaugelb Sill Connection Profile Salamander 30x40x1200 mm bluEvolution 92/Streamline 76	29 Pieces	3100000221
blaugelb Sill Connection Profile Salamander 30x50x1200 mm bluEvolution 82	30 Pieces	3100000381
blaugelb Sill Connection Profile Salamander 35x40x1200 mm bluEvolution 82	26 Pieces	3100000211
blaugelb Sill Connection Profile Salamander 35x40x1200 mm bluEvolution 92/Streamline 76	26 Pieces	3100000212
blaugelb Sill Connection Profile Salamander 35x50x1200 mm bluEvolution 82	26 Pieces	3100000380
blaugelb Sill Connection Profile Salamander 64x50x1200 mm bluEvolution 82	17 Pieces	3100000251
blaugelb Sill Connection Profile Salamander 92x30x1200 mm bluEvolution 82	12 Pieces	3100000252
blaugelb Sill Connection Profile Schüco 31x55x1200 mm AWS 75	30 Pieces	3100000361
blaugelb Sill Connection Profile Schüco 30x40x1200 mm Schüco CT 70/Living 82	29 Pieces	3100000191
blaugelb Sill Connection Profile Schüco 30x45x1200 mm Schüco CT 70/Living 82	29 Pieces	3100000180
blaugelb Sill Connection Profile Schüco 35x40x1200 mm Schüco CT 70/Living 82	26 Pieces	3100000140
blaugelb Sill Connection Profile Schüco 60x45x1200 mm Living 82	16 Pieces	3100000320

Product name	PU	Item no.
blaugelb Sill Connection Profile Schüco Heroal 41x62x1200 mm AWS 75, Heroal W72	18 Pieces	3100000275
blaugelb Sill Connection Profile VEKA 30x40x1200 mm VEKA 70/76/82/90	29 Pieces	3100000190
blaugelb Sill Connection Profile VEKA 35x40x1200 mm VEKA 70/76/82/90	26 Pieces	3100000162

Delivery and storage form:

Store in its original packaging. Current packaging: Use of a PE stretch film dyed white, UV-stable for 6 months made of POLYETHYLENE FS 340-03 and LL 118 BLEND.

Disposal:

According to Waste Catalogue Ordinance:
Code no. 170604 (single-grade insulating material EPS)
Code no. 170904 (mixed construction waste)

Safety note:

According to the available specifications and guidelines, the product is not a hazardous substance.