



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
- This product is Cradle to Cradle Certified® at the Silver level
- 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:

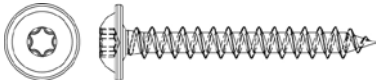
The blaugelb Sill Connection Profile made of highly compressed EPS (expanded polystyrene) offers the best possible heat and moisture protection and enables technically and visually clean installation/attachment of the exterior and interior window sill that is individually adapted to the installed window 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/dm<sup>2</sup> 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 4.5x35 mm item no. 9024210, RAL 9016 4.5x35 mm item no. 9071019 or RAL 7016 4.5x35 mm item no. 9071018

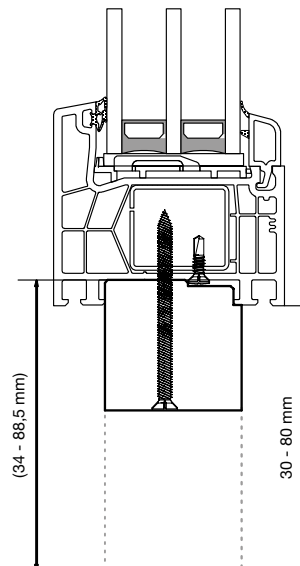


## Product benefits:

- 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
- Tested to be low in pollutants according to EMICODE EC1 Plus
- This product is Cradle to Cradle Certified® at the Silver level

## 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 <sup>2</sup>
Compressive load bearing capacity at 60 x 40 mm: (blaugelb Spacer Block)	5,800 N
Fire behaviour: <b>DIN 4102-1:1998-05 / DIN EN 13501-1:2019-05</b>	B2 / Class E
Thermal conductivity nominal value $\lambda_{10}$ : <b>DIN EN 12667:2001-05</b>	0.0403 W/m*k
Water vapour diffusion resistance: <b>DIN EN ISO 12086</b>	228 $\mu$
Air permeability: <b>EN 12207</b>	Class 4
Bending strength: <b>DIN EN 12089</b>	$\geq 2,490$ kPa
Airborne sound insulation: <b>DIN EN ISO 717-1</b> (with an area of 0.8 m <sup>2</sup> )	40 mm: $R_w$ 28.5 dB $\pm$ 1.2 dB
Compression stress (2 % compression): <b>DIN EN DIN EN 13163:2017 / EN 826:2013-05</b>	$\geq 1,435$ kPa
Shear strength: <b>DIN EN ISO 14130</b>	0.217 N/mm <sup>2</sup>
Dimensional strength: <b>DIN ISO 75-1</b>	Short-term up to +95 °C Long-term up to +85 °C
Dimensional stability: <b>DIN EN 13163:2015-04</b>	Very high, including outdoor weathering
Water absorption after 28 days under water: <b>DIN 12087</b>	$\leq 0.5$ vol. %
Screw withdrawal values: blaugelb Frame Screw Fix FK-T30 7.5 x 42 mm sfs window sill screw 4.5 x 35 mm	$F_{FK,AZ}$ 1,200 N $F_{FK,AZ}$ 510 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



# blaugelb Sill Connection Profile

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



Product name	PU	Item no.	Product name	PU	Item no.
blaugelb Sill Connection Profile Aluplast 30(37)x40x1200 mm <b>Aluplast IDEAL 4000, compatible with Aluplast IDEAL 5000</b>	29 pc.	3100000893	blaugelb Sill Connection Profile Rehau 30(38.5)x40x1200 mm <b>Rehau Geneo compatible with Rehau Synego</b>	28 pc.	3100000952
blaugelb Sill Connection Profile Aluplast 35(42)x40x1200 mm <b>Aluplast IDEAL 4000, compatible with Aluplast IDEAL 5000</b>	26 pc.	3100000164	blaugelb Sill Connection Profile Rehau 35(43)x40x1200 mm <b>Rehau Geneo compatible with Rehau Synego</b>	25 pc.	3100000166
blaugelb Sill Connection Profile Aluplast 40(47)x40x1200 mm <b>Aluplast IDEAL 4000, compatible with Aluplast IDEAL 5000</b>	23 pc.	3100000894	blaugelb Sill Connection Profile Rehau 40(48)x40x1200 mm <b>Rehau Geneo compatible with Rehau Synego</b>	23 pc.	3100000953
blaugelb Sill Connection Profile Aluplast 45(52)x40x1200 mm <b>Aluplast IDEAL 4000, compatible with Aluplast IDEAL 5000</b>	21 pc.	3100000895	blaugelb Sill Connection Profile Rehau 45(53)x40x1200 mm <b>Rehau Geneo compatible with Rehau Synego</b>	21 pc.	3100000954
blaugelb Sill Connection Profile Aluplast 50(57)x40x1200 mm <b>Aluplast IDEAL 4000, compatible with Aluplast IDEAL 5000</b>	19 pc.	3100000896	blaugelb Sill Connection Profile Rehau 50(58)x40x1200 mm <b>Rehau Geneo compatible with Rehau Synego</b>	19 pc.	3100000955
blaugelb Sill Connection Profile Aluplast 30(37)x40x1200 mm <b>Aluplast IDEAL 7000, compatible with Aluplast IDEAL 8000</b>	29 pc.	3100000897	blaugelb Sill Connection Profile Salamander 30(36)x40x1200 mm <b>Salamander bluEvolution 82</b>	30 pc.	3100000220
blaugelb Sill Connection Profile Aluplast 35(42)x40x1200 mm <b>Aluplast IDEAL 7000, compatible with Aluplast IDEAL 8000</b>	26 pc.	3100000205	blaugelb Sill Connection Profile Salamander 35(41)x40x1200 mm <b>Salamander bluEvolution 82</b>	26 pc.	3100000211
blaugelb Sill Connection Profile Aluplast 40(47)x40x1200 mm <b>Aluplast IDEAL 7000, compatible with Aluplast IDEAL 8000</b>	23 pc.	3100000898	blaugelb Sill Connection Profile Salamander 40(46)x40x1200 mm <b>Salamander bluEvolution 82</b>	24 pc.	3100000921
blaugelb Sill Connection Profile Aluplast 45(52)x40x1200 mm <b>Aluplast IDEAL 7000, compatible with Aluplast IDEAL 8000</b>	21 pc.	3100000899	blaugelb Sill Connection Profile Salamander 45(51)x40x1200 mm <b>Salamander bluEvolution 82</b>	21 pc.	3100000922
blaugelb Sill Connection Profile Aluplast 50(57)x40x1200 mm <b>Aluplast IDEAL 7000, compatible with Aluplast IDEAL 8000</b>	19 pc.	3100000920	blaugelb Sill Connection Profile Salamander 50(56)x40x1200 mm <b>Salamander bluEvolution 82</b>	20 pc.	3100000923
blaugelb Sill Connection Profile Gealan 30(38)x45x1200 mm <b>Gealan S9000 compatible with Gealan S7000 iQ and S8000 iQ</b>	28 pc.	3100000208	blaugelb Sill Connection Profile Salamander 30(36.5)x45x1200 mm <b>Salamander bluEvolution 92</b>	29 pc.	3100000826
blaugelb Sill Connection Profile Gealan 35(43)x45x1200 mm <b>Gealan S9000 compatible with Gealan S7000 iQ and S8000 iQ</b>	25 pc.	3100000163	blaugelb Sill Connection Profile Salamander 35(41.5)x45x1200 mm <b>Salamander bluEvolution 92</b>	26 pc.	3100000827
blaugelb Sill Connection Profile Gealan 40(48)x45x1200 mm <b>Gealan S9000 compatible with Gealan S7000 iQ and S8000 iQ</b>	23 pc.	3100000207	blaugelb Sill Connection Profile Salamander 40(46.5)x45x1200 mm <b>Salamander bluEvolution 92</b>	23 pc.	3100000828
blaugelb Sill Connection Profile Gealan 45(53)x45x1200 mm <b>Gealan S9000 compatible with Gealan S7000 iQ and S8000 iQ</b>	21 pc.	3100000912	blaugelb Sill Connection Profile Salamander 45(51.5)x45x1200 mm <b>Salamander bluEvolution 92</b>	21 pc.	3100000829
blaugelb Sill Connection Profile Gealan 50(58)x45x1200 mm <b>Gealan S9000 compatible with Gealan S7000 iQ and S8000 iQ</b>	19 pc.	3100000420	blaugelb Sill Connection Profile Salamander 50(56.5)x45x1200 mm <b>Salamander bluEvolution 92</b>	19 pc.	3100000830
blaugelb Sill Connection Profile Gealan 60(68)x45x1200 mm <b>Gealan S9000 compatible with Gealan S7000 iQ and S8000 iQ</b>	16 pc.	3100000348	blaugelb Sill Connection Profile Salamander 30(36.5)x40x1200 mm <b>Salamander Streamline 76 compatible with bluEvolution 92</b>	29 pc.	3100000821
blaugelb Sill Connection Profile Gealan 70(78)x45x1200 mm <b>Gealan S9000 compatible with Gealan S7000 iQ and S8000 iQ</b>	14 pc.	3100000421	blaugelb Sill Connection Profile Salamander 35(41.5)x40x1200 mm <b>Salamander Streamline 76 compatible with bluEvolution 92</b>	26 pc.	3100000822
blaugelb Sill Connection Profile Inoutic 30(38)x40x1200 mm <b>Inoutic Prestige 76</b>	28 pc.	3100000917	blaugelb Sill Connection Profile Salamander 40(46.5)x40x1200 mm <b>Salamander Streamline 76 compatible with bluEvolution 92</b>	23 pc.	3100000823
blaugelb Sill Connection Profile Inoutic 35(43)x40x1200 mm <b>Inoutic Prestige 76</b>	25 pc.	3100000161	blaugelb Sill Connection Profile Salamander 45(51.5)x40x1200 mm <b>Salamander Streamline 76 compatible with bluEvolution 92</b>	21 pc.	3100000824
blaugelb Sill Connection Profile Inoutic 40(48)x40x1200 mm <b>Inoutic Prestige 76</b>	23 pc.	3100000918	blaugelb Sill Connection Profile Salamander 50(56.5)x40x1200 mm <b>Salamander Streamline 76 compatible with bluEvolution 92</b>	19 pc.	3100000825
blaugelb Sill Connection Profile Inoutic 45(53)x40x1200 mm <b>Inoutic Prestige 76</b>	21 pc.	3100000919	blaugelb Sill Connection Profile Schüco 30(37)x40x1200 mm <b>Schüco Living 82 compatible with Schüco CT70</b>	29 pc.	3100000191
blaugelb Sill Connection Profile Inoutic 50(58)x40x1200 mm <b>Inoutic Prestige 76</b>	19 pc.	3100000940	blaugelb Sill Connection Profile Schüco 35(42)x40x1200 mm <b>Schüco Living 82 compatible with Schüco CT70</b>	26 pc.	3100000140
blaugelb Sill Connection Profile Inoutic 30(37)x40x1200 mm <b>Inoutic Eforte 84</b>	29 pc.	3100000930	blaugelb Sill Connection Profile Schüco 40(47)x40x1200 mm <b>Schüco Living 82 compatible with Schüco CT70</b>	23 pc.	3100000929
blaugelb Sill Connection Profile Inoutic 35(42)x40x1200 mm <b>Inoutic Eforte 84</b>	26 pc.	3100000160	blaugelb Sill Connection Profile Schüco 45(52)x40x1200 mm <b>Schüco Living 82 compatible with Schüco CT70</b>	21 pc.	3100000950
blaugelb Sill Connection Profile Inoutic 40(47)x40x1200 mm <b>Inoutic Eforte 84</b>	23 pc.	3100000931	blaugelb Sill Connection Profile Schüco 50(57)x40x1200 mm <b>Schüco Living 82 compatible with Schüco CT70</b>	19 pc.	3100000951
blaugelb Sill Connection Profile Inoutic 45(52)x40x1200 mm <b>Inoutic Eforte 84</b>	21 pc.	3100000932	blaugelb Sill Connection Profile Schüco 30(34)x55x1200 mm <b>Schüco AWS 75 compatible with Schüco AWS 70</b>	31 pc.	3100000624
blaugelb Sill Connection Profile Inoutic 50(57)x40x1200 mm <b>Inoutic Eforte 84</b>	19 pc.	3100000933	blaugelb Sill Connection Profile Schüco 35(39)x55x1200 mm <b>Schüco AWS 75 compatible with Schüco AWS 70</b>	27 pc.	3100000574
blaugelb Sill Connection Profile Profine 30(38.5)x45x1200 mm <b>Profine 88 compatible with Profine 76</b>	28 pc.	3100000671	blaugelb Sill Connection Profile Schüco 40(44)x55x1200 mm <b>Schüco AWS 75 compatible with Schüco AWS 70</b>	25 pc.	3100000575
blaugelb Sill Connection Profile Profine 35(43.5)x45x1200 mm <b>Profine 88 compatible with Profine 76</b>	25 pc.	3100000165	blaugelb Sill Connection Profile Schüco 45(49)x55x1200 mm <b>Schüco AWS 75 compatible with Schüco AWS 70</b>	22 pc.	3100000576
blaugelb Sill Connection Profile Profine 40(48.5)x45x1200 mm <b>Profine 88 compatible with Profine 76</b>	22 pc.	3100000672	blaugelb Sill Connection Profile Schüco 50(54)x55x1200 mm <b>Schüco AWS 75 compatible with Schüco AWS 70</b>	20 pc.	3100000577
blaugelb Sill Connection Profile Profine 45(53.5)x45x1200 mm <b>Profine 88 compatible with Profine 76</b>	20 pc.	3100000673	blaugelb Sill Connection Profile Schüco 30(35)x55x1200 mm <b>Schüco AWS 75</b>	30 pc.	3100000578
blaugelb Sill Connection Profile Profine 50(58.5)x45x1200 mm <b>Profine 88 compatible with Profine 76</b>	19 pc.	3100000276	blaugelb Sill Connection Profile Schüco 35(40)x55x1200 mm <b>Schüco AWS 75</b>	27 pc.	3100000579
blaugelb Sill Connection Profile Profine 80(88.5)x45x1200 mm <b>Profine 88 compatible with Profine 76</b>	12 pc.	3100000410	blaugelb Sill Connection Profile Schüco 40(45)x55x1200 mm <b>Schüco AWS 75</b>	24 pc.	3100000611

The information provided in this document corresponds to the information and technical details available to the best of our knowledge. However, this does not constitute a guarantee pursuant to section 443 of the German Civil Code (BGB). Our processing instructions are to be considered only as general guidelines and may differ in the individual case due to the range of possible uses and applications. They do not therefore automatically exempt the user from carrying out their own tests. We reserve the right to make technical modifications and enhancements at any time.

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Product name	PU	Item no.
blaugelb Sill Connection Profile Schüco 45(50)x55x1200 mm <b>Schüco AWS 75</b>	22 pc.	3100000612
blaugelb Sill Connection Profile Schüco 50(55)x55x1200 mm <b>Schüco AWS 75</b>	20 pc.	3100000613
blaugelb Sill Connection Profile Schüco 30(35)x70x1200 mm <b>Schüco AWS 90</b>	30 pc.	3100000620
blaugelb Sill Connection Profile Schüco 35(40)x70x1200 mm <b>Schüco AWS 90</b>	27 pc.	3100000621
blaugelb Sill Connection Profile Schüco 40(45)x70x1200 mm <b>Schüco AWS 90</b>	24 pc.	3100000581
blaugelb Sill Connection Profile Schüco 45(50)x70x1200 mm <b>Schüco AWS 90</b>	22 pc.	3100000622
blaugelb Sill Connection Profile Schüco 50(55)x70x1200 mm <b>Schüco AWS 90</b>	20 pc.	3100000623
blaugelb Sill Connection Profile Schüco 30(34)x70x1200 mm <b>Schüco AWS 90</b>	31 pc.	3100000614
blaugelb Sill Connection Profile Schüco 35(39)x70x1200 mm <b>Schüco AWS 90</b>	27 pc.	3100000615
blaugelb Sill Connection Profile Schüco 40(44)x70x1200 mm <b>Schüco AWS 90</b>	25 pc.	3100000616
blaugelb Sill Connection Profile Schüco 45(49)x70x1200 mm <b>Schüco AWS 90</b>	22 pc.	3100000617
blaugelb Sill Connection Profile Schüco 50(54)x70x1200 mm <b>Schüco AWS 90</b>	20 pc.	3100000618
blaugelb Sill Connection Profile VEKA 30(37)X40X1200 mm <b>Veka Softline 82 AD compatible with Softline 70 and Softline 76</b>	29 pc.	3100000190
blaugelb Sill Connection Profile VEKA 35(42)X40X1200 mm <b>Veka Softline 82 AD compatible with Softline 70 and Softline 76</b>	26 pc.	3100000162
blaugelb Sill Connection Profile VEKA 40(47)x40x1200 mm <b>Veka Softline 82 AD compatible with Softline 70 and Softline 76</b>	23 pc.	3100000883
blaugelb Sill Connection Profile VEKA 45(52)X40X1200 mm <b>Veka Softline 82 AD compatible with Softline 70 and Softline 76</b>	21 pc.	3100000720
blaugelb Sill Connection Profile VEKA 50(57)x40x1200 mm <b>Veka Softline 82 AD compatible with Softline 70 and Softline 76</b>	19 pc.	3100000882
blaugelb Sill Connection Profile VEKA 70(72)x40x1200 mm <b>Veka Softline 82 AD compatible with Softline 70 and Softline 76</b>	15 pc.	3100000626
blaugelb Sill Connection Profile VEKA 80(87)x40x1200 mm <b>Veka Softline 82 AD compatible with Softline 70 and Softline 76</b>	13 pc.	3100000474

## Safety note:

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

## 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)