



**Dovetail joint** guarantees infinite extension **with no waste**

## blaugelb Plinth Thermal Insulation Profile PVC/TK

For perfect insulation results.

- **Effective insulation offering high potential savings**
- **Permanently eliminates energy weak points on components**
- **Prevents damage caused by moisture and mould**
- **High load transfer and low weight**
- **Force-locking screwing in the frame structure**

## Product features:

The blaugelb Plinth Thermal Insulation Profile PVC/TK made of a TK core (thermoplastic resin) and a two-sided 2 mm PVC top layer (polyvinyl chloride) offers the best possible heat and moisture protection on balcony doors made of plastic, aluminium, wood and wood/aluminium. The blaugelb Plinth Thermal Insulation Profile PVC/TK is sturdy, durable and is exceptionally quick and easy to fit. The blaugelb Plinth Thermal Insulation Profile PVC/TK enables thermal separation and reduces potential thermal bridges compared to conventional plastic profiles with steel reinforcement. It is dimensionally stable, 100 % free of HCFCs, HFCs and HBCDs.

The blaugelb Plinth Thermal Insulation Profile PVC/TK was specially developed for fitting as a floor recess profile under frames for floor-level elements. The profile-specific Plinth Thermal Insulation Profiles PVC/TK can be produced at heights of 30 to 300 mm. By virtue of the innovative dovetail joint, the blaugelb Plinth Thermal Insulation Profiles PVC/TK can be positively interlocked to create any desired length. The dovetail joint optimises waste, in some cases avoiding waste altogether.

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 sill connection profile and the frame, and airtightness is achieved thanks to the process-safe sealing.

## Product benefits:

- Effective insulation offering high potential savings
- Permanently eliminates energy weak points on components installed on floor slabs and enhances indoor comfort
- Prevents damage caused by moisture and mould
- High load transfer
- Low weight
- Force-locking screwing in the frame structure
- UV-resistant PVC top layer

## Technical data:

Surface and top layer:	On both sides 2 mm PVC white
Material:	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
Fire behaviour: <b>DIN 4102-1:1998-05</b>	B2
Fire behaviour: <b>DIN EN 13501-1:2019-05</b>	CLASS E
Thermal transmittance value U-value: 55 / 60 / 66 / 74 mm	0.696 / 0.641 / 0.586 / 0.526 W/m <sup>2</sup> K
Dimensional stability:	Very high, including outdoor weathering
Screw withdrawal values: blaugelb Frame Screw Fix FK-T30 7.5 x L mm 60 mm screw-in depth	X-axis: F <sub>Rk</sub> 4.06 kN Y-axis: F <sub>Rk</sub> 3.67 kN

UV-resistance of the PVC top layer: <b>DIN EN 513</b> (irradiation energy 12 GJ/m <sup>2</sup> 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:	AVV 070213

Product name	PU	Item no.
blaugelb Plinth Thermal Insulation Profile PVC/TK 55 x 30 x 3000 mm	1 piece	3100004493
blaugelb Plinth Thermal Insulation Profile PVC/TK 55 x 30 x 4000 mm	1 piece	3100004508
blaugelb Plinth Thermal Insulation Profile PVC/TK 55 x 40 x 3000 mm	1 piece	3100004494
blaugelb Plinth Thermal Insulation Profile PVC/TK 55 x 40 x 4000 mm	1 piece	3100004509
blaugelb Plinth Thermal Insulation Profile PVC/TK 55 x 50 x 3000 mm	1 piece	3100004495
blaugelb Plinth Thermal Insulation Profile PVC/TK 55 x 50 x 4000 mm	1 piece	3100004510
blaugelb Plinth Thermal Insulation Profile PVC/TK 55 x 80 x 3000 mm	1 piece	3100004496
blaugelb Plinth Thermal Insulation Profile PVC/TK 55 x 80 x 4000 mm	1 piece	3100004511
blaugelb Plinth Thermal Insulation Profile PVC/TK 55 x 100 x 3000 mm	1 piece	3100004497
blaugelb Plinth Thermal Insulation Profile PVC/TK 55 x 100 x 4000 mm	1 piece	3100004512
blaugelb Plinth Thermal Insulation Profile PVC/TK 55 x 130 x 3000 mm	1 piece	3100004498
blaugelb Plinth Thermal Insulation Profile PVC/TK 55 x 130 x 4000 mm	1 piece	3100004513
blaugelb Plinth Thermal Insulation Profile PVC/TK 55 x 150 x 3000 mm	1 piece	3100004499
blaugelb Plinth Thermal Insulation Profile PVC/TK 55 x 150 x 4000 mm	1 piece	3100004514
blaugelb Plinth Thermal Insulation Profile PVC/TK 55 x 160 x 3000 mm	1 piece	3100004500
blaugelb Plinth Thermal Insulation Profile PVC/TK 55 x 160 x 4000 mm	1 piece	3100004515
blaugelb Plinth Thermal Insulation Profile PVC/TK 55 x 180 x 3000 mm	1 piece	3100004501
blaugelb Plinth Thermal Insulation Profile PVC/TK 55 x 180 x 4000 mm	1 piece	3100004516
blaugelb Plinth Thermal Insulation Profile PVC/TK 55 x 200 x 3000 mm	1 piece	3100004502
blaugelb Plinth Thermal Insulation Profile PVC/TK 55 x 200 x 4000 mm	1 piece	3100004517
blaugelb Plinth Thermal Insulation Profile PVC/TK 55 x 220 x 3000 mm	1 piece	3100004503
blaugelb Plinth Thermal Insulation Profile PVC/TK 55 x 220 x 4000 mm	1 piece	3100004518
blaugelb Plinth Thermal Insulation Profile PVC/TK 55 x 240 x 3000 mm	1 piece	3100004504
blaugelb Plinth Thermal Insulation Profile PVC/TK 55 x 240 x 4000 mm	1 piece	3100004519
blaugelb Plinth Thermal Insulation Profile PVC/TK 55 x 260 x 3000 mm	1 piece	3100004505
blaugelb Plinth Thermal Insulation Profile PVC/TK 55 x 260 x 4000 mm	1 piece	3100004520
blaugelb Plinth Thermal Insulation Profile PVC/TK 55 x 280 x 3000 mm	1 piece	3100004506
blaugelb Plinth Thermal Insulation Profile PVC/TK 55 x 280 x 4000 mm	1 piece	3100004521
blaugelb Plinth Thermal Insulation Profile PVC/TK 55 x 300 x 3000 mm	1 piece	3100004507
blaugelb Plinth Thermal Insulation Profile PVC/TK 55 x 300 x 4000 mm	1 piece	3100004522
blaugelb Plinth Thermal Insulation Profile PVC/TK 60 x 30 x 3000 mm	1 piece	3100001639
blaugelb Plinth Thermal Insulation Profile PVC/TK 60 x 30 x 4000 mm	1 piece	3100001648
blaugelb Plinth Thermal Insulation Profile PVC/TK 60 x 40 x 3000 mm	1 piece	3100001640
blaugelb Plinth Thermal Insulation Profile PVC/TK 60 x 40 x 4000 mm	1 piece	3100001649
blaugelb Plinth Thermal Insulation Profile PVC/TK 60 x 50 x 3000 mm	1 piece	3100001641
blaugelb Plinth Thermal Insulation Profile PVC/TK 60 x 50 x 4000 mm	1 piece	3100001650

# blaugelb Plinth Thermal Insulation Profile PVC/TK

For perfect insulation results.



Product name	PU	Item no.
blaugelb Plinth Thermal Insulation Profile PVC/TK 60 x 80 x 3000 mm	1 piece	3100001642
blaugelb Plinth Thermal Insulation Profile PVC/TK 60 x 80 x 4000 mm	1 piece	3100001651
blaugelb Plinth Thermal Insulation Profile PVC/TK 60 x 100 x 3000 mm	1 piece	3100001643
blaugelb Plinth Thermal Insulation Profile PVC/TK 60 x 100 x 4000 mm	1 piece	3100001652
blaugelb Plinth Thermal Insulation Profile PVC/TK 60 x 130 x 3000 mm	1 piece	3100001644
blaugelb Plinth Thermal Insulation Profile PVC/TK 60 x 130 x 4000 mm	1 piece	3100001653
blaugelb Plinth Thermal Insulation Profile PVC/TK 60 x 150 x 3000 mm	1 piece	3100001645
blaugelb Plinth Thermal Insulation Profile PVC/TK 60 x 150 x 4000 mm	1 piece	3100001654
blaugelb Plinth Thermal Insulation Profile PVC/TK 60 x 160 x 3000 mm	1 piece	3100001646
blaugelb Plinth Thermal Insulation Profile PVC/TK 60 x 160 x 4000 mm	1 piece	3100001655
blaugelb Plinth Thermal Insulation Profile PVC/TK 60 x 180 x 3000 mm	1 piece	3100001647
blaugelb Plinth Thermal Insulation Profile PVC/TK 60 x 180 x 4000 mm	1 piece	3100001656
blaugelb Plinth Thermal Insulation Profile PVC/TK 60 x 200 x 3000 mm	1 piece	3100005136
blaugelb Plinth Thermal Insulation Profile PVC/TK 60 x 200 x 4000 mm	1 piece	3100005142
blaugelb Plinth Thermal Insulation Profile PVC/TK 60 x 220 x 3000 mm	1 piece	3100005137
blaugelb Plinth Thermal Insulation Profile PVC/TK 60 x 220 x 4000 mm	1 piece	3100005143
blaugelb Plinth Thermal Insulation Profile PVC/TK 60 x 240 x 3000 mm	1 piece	3100005138
blaugelb Plinth Thermal Insulation Profile PVC/TK 60 x 240 x 4000 mm	1 piece	3100005144
blaugelb Plinth Thermal Insulation Profile PVC/TK 60 x 260 x 3000 mm	1 piece	3100005139
blaugelb Plinth Thermal Insulation Profile PVC/TK 60 x 260 x 4000 mm	1 piece	3100005145
blaugelb Plinth Thermal Insulation Profile PVC/TK 60 x 280 x 3000 mm	1 piece	3100005140
blaugelb Plinth Thermal Insulation Profile PVC/TK 60 x 280 x 4000 mm	1 piece	3100005146
blaugelb Plinth Thermal Insulation Profile PVC/TK 60 x 300 x 3000 mm	1 piece	3100005141
blaugelb Plinth Thermal Insulation Profile PVC/TK 60 x 300 x 4000 mm	1 piece	3100005147
blaugelb Plinth Thermal Insulation Profile PVC/TK 66 x 30 x 3000 mm	1 piece	3100001657
blaugelb Plinth Thermal Insulation Profile PVC/TK 66 x 30 x 4000 mm	1 piece	3100001666
blaugelb Plinth Thermal Insulation Profile PVC/TK 66 x 40 x 3000 mm	1 piece	3100001658
blaugelb Plinth Thermal Insulation Profile PVC/TK 66 x 40 x 4000 mm	1 piece	3100001667
blaugelb Plinth Thermal Insulation Profile PVC/TK 66 x 50 x 3000 mm	1 piece	3100001659
blaugelb Plinth Thermal Insulation Profile PVC/TK 66 x 50 x 4000 mm	1 piece	3100001668
blaugelb Plinth Thermal Insulation Profile PVC/TK 66 x 80 x 3000 mm	1 piece	3100001660
blaugelb Plinth Thermal Insulation Profile PVC/TK 66 x 80 x 4000 mm	1 piece	3100001669
blaugelb Plinth Thermal Insulation Profile PVC/TK 66 x 100 x 3000 mm	1 piece	3100001661
blaugelb Plinth Thermal Insulation Profile PVC/TK 66 x 100 x 4000 mm	1 piece	3100001670
blaugelb Plinth Thermal Insulation Profile PVC/TK 66 x 130 x 3000 mm	1 piece	3100001662
blaugelb Plinth Thermal Insulation Profile PVC/TK 66 x 130 x 4000 mm	1 piece	3100001671
blaugelb Plinth Thermal Insulation Profile PVC/TK 66 x 150 x 3000 mm	1 piece	3100001663
blaugelb Plinth Thermal Insulation Profile PVC/TK 66 x 150 x 4000 mm	1 piece	3100001672
blaugelb Plinth Thermal Insulation Profile PVC/TK 66 x 160 x 3000 mm	1 piece	3100001664

Product name	PU	Item no.
blaugelb Plinth Thermal Insulation Profile PVC/TK 66 x 160 x 4000 mm	1 piece	3100001673
blaugelb Plinth Thermal Insulation Profile PVC/TK 66 x 180 x 3000 mm	1 piece	3100001665
blaugelb Plinth Thermal Insulation Profile PVC/TK 66 x 180 x 4000 mm	1 piece	3100001674
blaugelb Plinth Thermal Insulation Profile PVC/TK 66 x 200 x 3000 mm	1 piece	3100005148
blaugelb Plinth Thermal Insulation Profile PVC/TK 66 x 200 x 4000 mm	1 piece	3100005154
blaugelb Plinth Thermal Insulation Profile PVC/TK 66 x 220 x 3000 mm	1 piece	3100005149
blaugelb Plinth Thermal Insulation Profile PVC/TK 66 x 220 x 4000 mm	1 piece	3100005155
blaugelb Plinth Thermal Insulation Profile PVC/TK 66 x 240 x 3000 mm	1 piece	3100005150
blaugelb Plinth Thermal Insulation Profile PVC/TK 66 x 240 x 4000 mm	1 piece	3100005156
blaugelb Plinth Thermal Insulation Profile PVC/TK 66 x 260 x 3000 mm	1 piece	3100005151
blaugelb Plinth Thermal Insulation Profile PVC/TK 66 x 260 x 4000 mm	1 piece	3100005157
blaugelb Plinth Thermal Insulation Profile PVC/TK 66 x 280 x 3000 mm	1 piece	3100005152
blaugelb Plinth Thermal Insulation Profile PVC/TK 66 x 280 x 4000 mm	1 piece	3100005158
blaugelb Plinth Thermal Insulation Profile PVC/TK 66 x 300 x 3000 mm	1 piece	3100005153
blaugelb Plinth Thermal Insulation Profile PVC/TK 66 x 300 x 4000 mm	1 piece	3100005159
blaugelb Plinth Thermal Insulation Profile PVC/TK 74 x 30 x 3000 mm	1 piece	3100001675
blaugelb Plinth Thermal Insulation Profile PVC/TK 74 x 30 x 4000 mm	1 piece	3100001684
blaugelb Plinth Thermal Insulation Profile PVC/TK 74 x 40 x 3000 mm	1 piece	3100001676
blaugelb Plinth Thermal Insulation Profile PVC/TK 74 x 40 x 4000 mm	1 piece	3100001685
blaugelb Plinth Thermal Insulation Profile PVC/TK 74 x 50 x 3000 mm	1 piece	3100001677
blaugelb Plinth Thermal Insulation Profile PVC/TK 74 x 50 x 4000 mm	1 piece	3100001686
blaugelb Plinth Thermal Insulation Profile PVC/TK 74 x 80 x 3000 mm	1 piece	3100001678
blaugelb Plinth Thermal Insulation Profile PVC/TK 74 x 80 x 4000 mm	1 piece	3100001687
blaugelb Plinth Thermal Insulation Profile PVC/TK 74 x 100 x 3000 mm	1 piece	3100001679
blaugelb Plinth Thermal Insulation Profile PVC/TK 74 x 100 x 4000 mm	1 piece	3100001688
blaugelb Plinth Thermal Insulation Profile PVC/TK 74 x 130 x 3000 mm	1 piece	3100001680
blaugelb Plinth Thermal Insulation Profile PVC/TK 74 x 130 x 4000 mm	1 piece	3100001689
blaugelb Plinth Thermal Insulation Profile PVC/TK 74 x 150 x 3000 mm	1 piece	3100001681
blaugelb Plinth Thermal Insulation Profile PVC/TK 74 x 150 x 4000 mm	1 piece	3100001690
blaugelb Plinth Thermal Insulation Profile PVC/TK 74 x 160 x 3000 mm	1 piece	3100001682
blaugelb Plinth Thermal Insulation Profile PVC/TK 74 x 160 x 4000 mm	1 piece	3100001691
blaugelb Plinth Thermal Insulation Profile PVC/TK 74 x 180 x 3000 mm	1 piece	3100001683
blaugelb Plinth Thermal Insulation Profile PVC/TK 74 x 180 x 4000 mm	1 piece	3100001692
blaugelb Plinth Thermal Insulation Profile PVC/TK 74 x 200 x 3000 mm	1 piece	3100005160
blaugelb Plinth Thermal Insulation Profile PVC/TK 74 x 200 x 4000 mm	1 piece	3100005166
blaugelb Plinth Thermal Insulation Profile PVC/TK 74 x 220 x 3000 mm	1 piece	3100005161
blaugelb Plinth Thermal Insulation Profile PVC/TK 74 x 220 x 4000 mm	1 piece	3100005167
blaugelb Plinth Thermal Insulation Profile PVC/TK 74 x 240 x 3000 mm	1 piece	3100005162
blaugelb Plinth Thermal Insulation Profile PVC/TK 74 x 240 x 4000 mm	1 piece	3100005168

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.

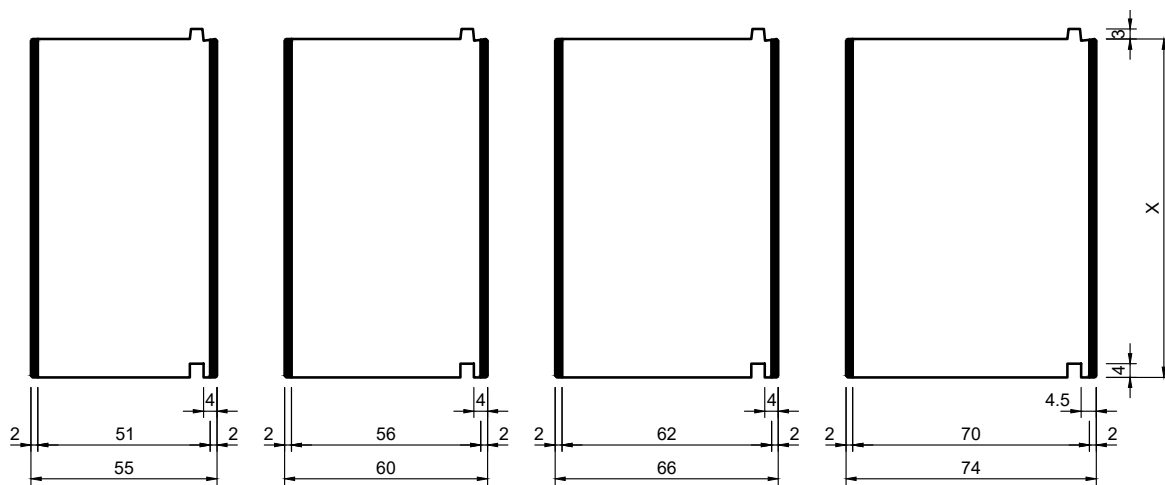
Product name	PU	Item no.
blaugelb Plinth Thermal Insulation Profile PVC/TK 74 x 260 x 3000 mm	1 piece	3100005163
blaugelb Plinth Thermal Insulation Profile PVC/TK 74 x 260 x 4000 mm	1 piece	3100005169
blaugelb Plinth Thermal Insulation Profile PVC/TK 74 x 280 x 3000 mm	1 piece	3100005164
blaugelb Plinth Thermal Insulation Profile PVC/TK 74 x 280 x 4000 mm	1 piece	3100005170
blaugelb Plinth Thermal Insulation Profile PVC/TK 74 x 300 x 3000 mm	1 piece	3100005165
blaugelb Plinth Thermal Insulation Profile PVC/TK 74 x 300 x 4000 mm	1 piece	3100005171

## Delivery and storage form:

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

## Safety note:

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



$X = 30/40/50/80/100/130/150/160/180/200/220/240/260/280/300$