

Polyethylene foam joint filler material for standard-compliant joints, closed-cell, no water absorption

Application areas Elastic and conformable round cords

- for backfilling joints prior to sealing in accordance with DIN 18540
- for façade joints in the outdoor area
- in window construction for connecting joints of windows and doors
- for interior joints (kitchens, sanitary areas, parquet etc.)
- versatile sealing material (interior areas of buildings, dams, water storage systems)

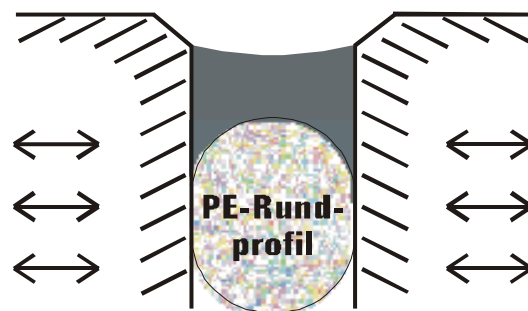


Diagram of a correctly dimensioned joint with PE round cord as backfill material

Product benefits

- ensures compliance with the joint dimensions
- prevents three flank adhesion
- increased adhesive surface on the joint flanks due to round shape
- good ageing resistance
- long-lasting water repellent
- practically rot-proof
- saves sealant
- chemically neutral
- resistant to oils and greases, dilute acids and alkalis, salt water and soaps
- very good dimensional accuracy
- very good post-deformation recovery
- meets the technical requirements of DIN 18540 and NF DTU 44.1 for joint fillers, as well as the requirements of the RAL Quality Association for Joint Fillers for sealing joints in windows and external doors with joint sealants
- for indoor and outdoor use

Base polyethylene foam, closed-cell

Processing The diameter of the round profile must be selected so that it is compressed in the joint by about 25 %. Do not press the material into the joint with a sharp object, as this can damage the surface. A damaged outer skin can lead to the formation of bubbles in fresh sealants.

The following basic rules apply to the sizing of sealing joints, unless otherwise specified by the manufacturer:

Minimum joint width: 5 mm, minimum joint depth: 5 mm
 Maximum joint width: 25 mm, maximum joint depth: 12mm
 The sealant should not be deeper than the width of the joint.

| Joint depth | Joint width | | | | | | | |
|-------------|-------------|------|--------|---------|-------|-------|-------|-------|
| | 4 mm | 5 mm | 6-7 mm | 8-10 mm | 12 mm | 15 mm | 20 mm | 25 mm |
| 4 mm | | | | | | | | |
| 5 mm | | | | | | | | |
| 6 mm | | | | | | | | |
| 7 mm | | | | | | | | |
| 8 mm | | | | | | | | |
| 10 mm | | | | | | | | |
| 12 mm | | | | | | | | |


| | |
|--|--|
| | Optimum dimensions for moving joints |
| | Limit dimension for slightly moving joints |
| | Dimension for non-stressed joints |

Density ca. 25 - 30 kg/m³ (depending on diameter)

Tensile strength ca. 0.2 - 0.3 N/mm² (depending on diameter)

Temperature resistance from -40 °C up to +70 °C

Building material class B2 acc. to DIN 4102 (in combination with sealant of this class, in the joint, between solid mineral building materials)

Further information  More information about this product (current technical data sheet, safety data sheet, certificates, product variants, etc.) can be found via the adjacent QR code.

Colour grey

Shelf life The product has an almost unlimited shelf life and is functional.
 Recommendation: In closed original packaging, protected from direct sunlight and stored in a dry place between +15 °C and +25 °C.

Standard stock
dimensions

Practical small carton boxes
for craft and commerce



| Ø [mm] | MOQ* | Packing unit | Item no. |
|--------|-------|---------------------------------------|---------------|
| 4.5 | 20 m | 5 small bags of 20 m | PE 8204.5x20 |
| 6 | 100 m | 5 small carton boxes of 100 m = 500 m | PE 8206.5x100 |
| 8 | 100 m | 5 small carton boxes of 100 m = 500 m | PE 8208.5x100 |
| 10 | 100 m | 5 small carton boxes of 100 m = 500 m | PE 8210.5x100 |
| 13 | 100 m | 5 small carton boxes of 100 m = 500 m | PE 8213.5x100 |
| 15 | 100 m | 5 small carton boxes of 100 m = 500 m | PE 8215.5x100 |
| 20 | 50 m | 5 small carton boxes of 50 m = 250 m | PE 8220.5x50 |
| 25 | 50 m | 5 small carton boxes of 50 m = 250 m | PE 8225.5x50 |
| 30 | 25 m | 5 small carton boxes of 25 m = 125 m | PE 8230.5x25 |
| 40 | 1 m | UDP of 135 m (1m rods) | PE 8240.135 |
| 50 | 1 m | UDP of 90 m (1m rods) | PE 8250.90 |

Mini Packing Units
For DIY (Do It Yourself) Projects



| Ø [mm] | MOQ* | Packing unit | Item no. |
|--------|------|--------------|--------------|
| 4.5 | 10 m | bag of 10 m | PE-SB 4,5.10 |
| 6 | 10 m | bag of 10 m | PE-SB 06.10 |
| 8 | 10 m | bag of 10 m | PE-SB 08.10 |
| 10 | 10 m | bag of 10 m | PE-SB 10.10 |
| 15 | 10 m | bag of 10 m | PE-SB 15.10 |
| 20 | 10 m | bag of 10 m | PE-SB 20.10 |
| 25 | 10 m | bag of 10 m | PE-SB 25.10 |

*MOQ = minimum order quantity

Large rolls for industry



| Ø [mm] | Packing unit | Item no. |
|--------|-------------------------------------|----------------|
| 4.5 | large roll of 5000 m | PE 8204,5.5000 |
| 6 | large carton box of 2500 m | PE 8206.2500 |
| 8 | large carton box of 1500 m | PE 8208.1500 |
| 10 | large carton box of 1150 m | PE 8210.1150 |
| 13 | large carton box of 750 m | PE 8213.750 |
| 15 | large carton box of 550 m | PE 8215.550 |
| 20 | large carton box of 350 m | PE 8220.350 |
| 25 | large carton box of 200 m | PE 8225.200 |
| 30 | large carton box of 160 m | PE 8230.160 |
| 40 | large carton box of 270 m (2m rods) | PE 8240.270 |
| 50 | large carton box of 180 m (2m rods) | PE 8250.180 |

Observe: All information is based on careful examinations in the labs and our previous practical experience. They are non-committal notes. Due to the many materials that are marketed and the different processing methods, which we cannot influence, we can, of course, not assume any warranty, including under patent-law, for the result of your work. We recommend performing sufficient own tests to find out if the product meets the respective requirements. In addition, we refer to our terms and conditions of sale, delivery and payment, available at www.wisabax.ch/agb.html. © Wisabax AG - This technical data sheet replaces all older versions.

Have you noticed an unclear formulation or an error? Thank you for your feedback. In case of doubt, the German version of the technical data sheet applies.