

PU backer rod

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Technical data

Material	Open cell PU foam
Cellular Structure	Open cells
Density	Ca. 25 kg/m ³
Temperature resistance**	-40 °C → 70 °C
Insulation factor (DIN52612)	Ca. 46 mW/m.k
Elongation at break	Approx. 130% (longitudinal) DIN 53571

Product description

PU backer rod is a round profile made from open cell polyurethane foam, mainly used as a backfilling for connection and expansion joints in the construction industry.

Properties

- High flexibility
- Adhesion barrier to prevent 3-point adhesion of the sealant
- Helps control joint depth for correct joint dimensions
- Reduces sealant consumption
- Supports the sealant during finishing
- Has sufficient compressive and breaking strength
- Compatible with Soudal sealants
- Inert product

Applications

- Placed as backfilling in horizontal and vertical connection and expansion joints before applying the joint sealant.
- Open cell PU backer rod is ideal for joints of varying width.
- Suitable for use with cold applied sealants such as silicones, polyurethanes, hybrid polymers, acrylic sealants,...

Packaging

Colour: anthracite

Packaging: Various sizes available. Please consult the product catalogue, the Soudal website or a Soudal representative.

Shelf life

Unlimited

Application method

Before applying the backer rod, the joint must be prepared as prescribed by the sealant manufacturer. Apply PU backer rod compressed in the joint. Use the correct diameter to prevent movement in the joint. Diameter of the backer rod should be up to 50% larger than the joint width. Apply backer rod evenly to the desired depth (see sealant manufacturer's instructions). Do not apply the backer rod with a sharp object. Make sure there are no breaks between the different pieces of backer rod and that they fit properly.

Remarks

- Not suitable for hot applied joint sealants.

Remark: This technical data sheet replaces all previous versions. The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. Since the design, the quality of the substrate and processing conditions are beyond our control, no liability under this publication is accepted. In every case it is recommended to carry out preliminary experiments. Soudal reserves the right to modify products without prior notice.