

OTTOCORD PUR-HS-B3

The open-cell PUR back-up foam rod firm

Extruded polyethylene backfilling material

For indoor application

PUR-HS

Characteristics

- ▶ Backfilling material made of polyurethane
- ▶ For interior use without wet load
- ▶ Firm and rigid quality
- ▶ According to the building material class B3

Fields of application

- ▶ Backfilling of joints in interior areas

Technical properties

Density in raw state ~ 18 - 22
according to ISO EN 845
[kg/m³]

Compressive strength at 40 ~ 16 - 26
% according to DIN 53 577
[kPa]

Tensile strength according > 110
to DIN EN ISO 1798 [kPa]

Breaking expansion > 50
according to DIN EN ISO
1798 [%]

Compression set according < 5
to ISO EN 1856 [%]

Tear strength according to > 0,4
ISO EN 8067 [N/mm]

Temperature resistance - 30 / + 80
from/to [°C]

Colour yellow



These data are not suitable for the issue of specifications.
Please contact OTTO-CHEMIE before issuing specifications.

Important information

For wet load, we recommend the closed-cell PE back-up foam rod OTTOCORD PE-B2.

Application information

The optimum ratio of joint width to joint depth is an important requirement for as long a life as possible of an elastic joint. Building component joints are frequently too deep for a professional joint dimensioning. For this reason, a limit of the joint depth must be performed using the OTTOCORD PUR-HS-B3 back-up foam rod, simultaneously preventing a three-edge bond in order to restrict the flexibility of the sealant in the joint. OTTOCORD PUR-HS-B3 has an open-pore cell structure, making it unsuitable for damp rooms and outdoors. For this reason, we recommend the closed-pore OTTOCORD PE-B2 back-up foam rod. In comparison to OTTOCORD PUR-H-B3, OTTOCORD PUR-HS-B3 is somewhat more pressure-resistant resp. tighter. The foam rod should be applied to the pre-defined joint by applying a gentle clamping effect. The diameter of the back-up foam rod should be around 20% greater than the width of the joint so that it can be applied to the joint applying pressure and so that it then retains an oval shape in the joint. Further information is available from the professional guide "Perfectly seal floor joints and

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SEALING & BONDING

floor coverings".

Packaging

Diameter	Order unit (OU)	Packaging unit (PU)	Order code
10 mm	100 x 1 m pc.	1500 x 1 m pc.	PUR-HS-10
15 mm	100 x 1 m pc.	1000 x 1 m pc.	PUR-HS-15
20 mm	100 x 1 m pc.	500 x 1 m pc.	PUR-HS-20
25 mm	100 x 1 m pc.	300 x 1 m pc.	PUR-HS-25
30 mm	100 x 1 m pc.	200 x 1 m pc.	PUR-HS-30
35 mm	180 x 1 m pc.	180 x 1 m pc.	On request
40 mm	100 x 1 m pc.	100 x 1 m pc.	PUR-HS-40
50 mm	100 x 1 m pc.	100 x 1 m pc.	On request
60 mm	50 x 1 m pc.	50 x 1 m pc.	On request

"on request": delivery time approx. 4 weeks

Disposal

Product residues can be disposed of along with industrial waste as mixed plastics. Packaging materials (cardboard boxes, foils) are recyclable and hence should be recycled.

Warranty information

The above information and our technical application advice, whether verbal, in writing or by means of tests, are provided to the best of our knowledge, but are non-binding, including with regard to any third-party property rights. The information in this publication does not exempt the processor from carrying out their own tests on our products with regard to their suitability for the intended processes and purposes. The application, use and processing of our products and the products manufactured on the basis of our technical application advice are beyond our control and are therefore the sole responsibility of the processor. If the application for which our products are used is subject to an official authorisation requirement, the user is responsible for obtaining these authorisations. We reserve the right to adapt the product to technical progress and new developments. For the rest, we refer to our General Terms and Conditions, in particular with regard to any liability for defects. You can find our GTC at www.otto-chemie.de.