Technical datasheet

OTTOCORD PUR-H-B3

The open-cell PUR back-up foam rod soft

Extruded polyethylene backfilling material | For indoor application | PUR-H

Characteristics

- Backfilling material made of polyurethane
- For interior use without wet load
- According to the building material class B3

Fields of application

- Backfilling of joints in interior areas

Technical properties

Density in raw state according to ISO EN 845 [kg/m³]	~ 16 - 20
Compressive strength at 40 % according to DIN 53 577 [kPa]	~ 4 - 8
Tensile strength according to DIN EN ISO 1798 [kPa]	> 80
Breaking expansion according to DIN EN ISO 1798 [%]	> 30
Compression set according to ISO EN 1856 [%]	< 50
Tear strength according to ISO EN 8067 [N/mm]	> 0,3
Temperature resistance from/to [°C]	- 30 / + 70
Colour	grey

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-H-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-H-B3 has an open-pore cell structure, making it unsuitable for wet cells and outdoors. For this reason, we recommend the closed-pore OTTOCORD PE-B2 back-up foam rod. Unlike OTTOCORD PUR-HS-B3 back-up foam rod, OTTOCORD PUR-H-B3 is softer, making it suitable for inserting into narrow building component joints. 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 OTTO Professional guide “Joints perfectly formed”.

Hermann Otto GmbH
Krankenhausstr. 14 | 83413 Fridolfing, Germany
+49 8684 908-0 | @ info@otto-chemie.de
www.otto-chemie.com

Application advice
+49 8684 908-4300
@ tae@otto-chemie.de

SEALING & BONDING

Packaging

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

On request: Delivery time of 2-3 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.