

C/SfB		n6
CAW P22		
Uniclass L6751:P7108		

Description

PR102 is a closed cell polyethylene (PE) circular foam suitable for providing a backer to sealant joints, avoiding three-sided adhesion. PR102 is rot-proof and chemically neutral.

Colour

White

Sizes / Packaging

Dimensions	Packaging
6 mm diameter	2,500 m/box
10 mm diameter	1,150 m/box
13 mm diameter	750 m/box
15 mm diameter	550 m/box
20 mm diameter	350 m/box
25 mm diameter	200 m/box
30 mm diameter	160 m/box
40 mm diameter x 2 m lengths	270 m/box
50 mm diameter x 2 m lengths	180 m/box

Technical Information

Characteristic	Classification
Material Type	Closed cell PE foam
Specific Gravity	25
Thermal Conductivity	0.04 W/m.K
Water Vapour Transmission	< 4 g/m ² /24 h/50 mm
Water Absorption	< 1% volume after 24 h
Service Temperature	-70°C to +90°C
Storage	Store in original containers. Do not compress. Store between +1°C and +20°C
Shelf Life	Unlimited when stored as recommended in original, unopened containers

Surface Preparation

- Ensure the joint surfaces are clean, free from grease, stable and dry. Use a brush to remove loose particles.

Application

- Select a diameter greater than the joint width to ensure the backer rod is compressed and held firmly when installed (typically 25% compression is acceptable).
- Push into the joint to a depth appropriate to the required depth of sealant. Ensure the depth is consistent along the joint length.
- Take care not to puncture the material as gas may be emitted from the cell structure which can react with the applied sealant. If this does happen, wait minimum of 30 minutes before applying sealant.



PR102

PE Joint Backer Rod

Usage / Purpose

PR102 is used as a foam backing rod behind the sealant joint, for exterior and interior use. When positioned correctly it ensures correct joint dimensions. PR102 avoids 3-sided adhesion, allowing the joint to move more efficiently.

Key Benefits

- Ensures correct sealant geometry
- Prevents excess material usage
- Avoids three-sided adhesion

PE Joint Backer Rod

Please Note

For joints with significant width variation along the length, TP300 Joint Backer Plus is recommended. This impregnated tape is capable of accommodating joint width tolerance, and also provides weather resistance and thermal insulation.

Health & Safety Precautions

Safety data sheet must be read and understood before use.

Technical Service

tremco illbruck has a team of experienced Technical Sales Representatives who provide assistance in the selection and specification of products. For more detailed information, service and advice, please call Customer Services on 01942 251400.

Guarantee / Warranty

tremco illbruck products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with tremco

illbruck written instructions and (b) in any application recommended by Tremco illbruck, but which is proved to be defective, will be replaced free of charge.

No liability can be accepted for the information provided in this leaflet although it is published in good faith and believed to be correct. tremco illbruck Limited reserves the right to alter product specifications without prior notice, in line with Company policy of continuous development and improvement.



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