

REC BACKING ROD FR300

BACKING ROD FOR FIRE RESISTANT JOINT SEALING

DESCRIPTION

REC BACKING ROD FR300 is round, flexible, continuous-length backer material made from cross-linked, closed-cell polyethylene foam. Designed for use as a backing medium with both hot- and cold-applied sealants, it provides excellent stability, shape retention, and joint depth control. Its closed-cell structure restricts moisture absorption while ensuring compatibility with a wide range of sealant types, making it ideal for construction, expansion joints, and general sealing applications.

PRIMARY APPLICATIONS

REC BACKING ROD FR300 is used as a:

- Backing rod for fire resistant joint sealing in horizontal and vertical building structure applications.
- Backing rod in conjunction with any RECKON sealant including any RECKON owned brands.
- The Product may only be used by experienced professionals.

FEATURES/BENEFITS

- Easy to apply.
- Up to 4 hours fire resistance depending on the configuration.
- Adapts to joint width and alignment irregularities.
- Helps to regulate the sealant profile.

TECHNICAL INFORMATION

Physical Property	Value	ASTM Test Method
Density kg/m ³ avg.	20 – 37	D1622
Out gassing (No. of Bubbles)	> 1	C1253
Compression Recovery, %, min	> 96	D5249
Compression Deflection, psi (kPa)	5.8 (39.9)	D5249
Tensile Strength, psi (kPa)	23.5 (162)	D1623
Water Absorption (g/cc)	< 0.03	C1016 – Procedure B
Heat Resistance, °F (°C)	410° ± 5° (200° ± 2.8°)	D5249

DIRECTIONS FOR USE

APPLICATION

Strictly follow installation procedures

Strictly follow installation procedures as per instructions which must always be adjusted to the actual site conditions.

PRECONDITIONS

The ends of adjoining rods and at detailing locations such as corners must be in tight contact with each other to maintain maximum fire resistance.

- Place the oversized backer rod into the joint and push with a blunt tool to tightly fit against the joint sides at the required depth.
- Seal the joint with a RECKON sealant. Refer to individual Product Data Sheets.

Dimensions

Reference must be made to limitations regarding dimensions and configuration described in the ETA 23/0088.

The Product must be installed at a minimum compression rate of 15 %. Select the correct diameter using the following table:

Joint width	Diameter
7–10.2 mm	12 mm
9–12.7 mm	15 mm
12–17 mm	20 mm
16–25.5 mm	30 mm
24–34 mm	40 mm
32–42.5 mm	50 mm
40–51 mm	60 mm

PACKAGING

Diameter	Roll length
12 mm	50 m
15 mm	50 m
20 mm	30 m
30 mm	30 m
40 mm	30 m
50 mm	25 m
60 mm	25 m

STORAGE

REC BACKING ROD FR300 have a shelf life of 06 years if kept in a dry store in the original, unopened packs. In tropical climates it is essential to store in air-conditioned warehouse. Store in dry conditions between 10°C and 30°C, away from sources of heat and naked flames in the original, unopened packs. If stored at high temperatures the shelf life may be reduced.

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