

REC BACKING ROD

CLOSED CELL POLYETHYLENE BACKING ROD

DESCRIPTION

REC BACKING ROD is a closed cell polyethylene foam cord, non- absorbent and rot proof. **REC BACKING ROD** holds in position between both sides of the joint to help with tooling of the sealant and improve sealant contact with joint side to facilitate good adhesion.

PRIMARY APPLICATIONS

- **REC BACKING ROD** enables the correct width to depth ratio of the sealing slot to be maintained and provides a firm backing for the sealant to be tooled.
- The use of **REC BACKING ROD** will also act as a bond breaker at the base of the joint thus preventing three sided adhesion and the accompanying additional stress during joint movement.

FEATURES/BENEFITS

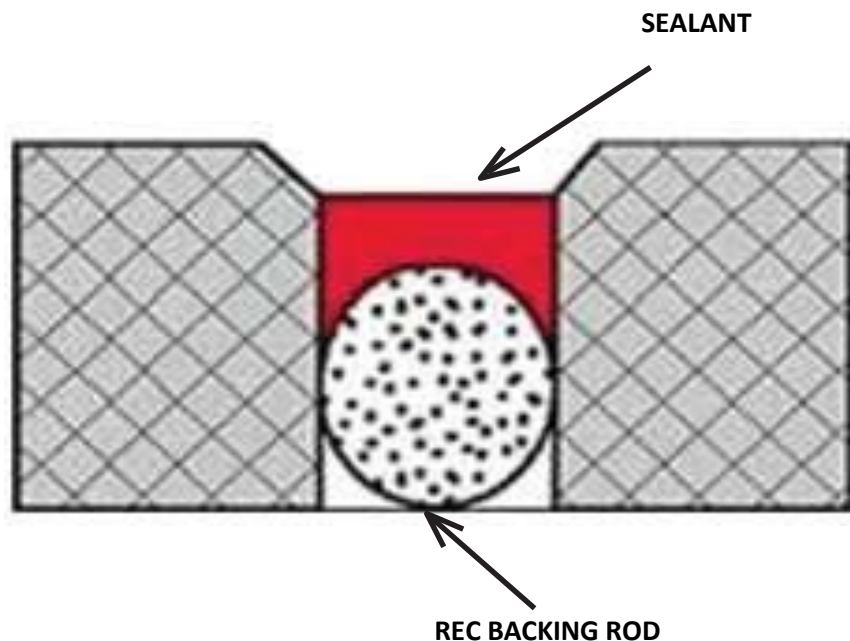
- Rot proof and non-absorbent.
- Available in different sizes.
- Readily compressible.
- Acts as bond breaker and minimizing strain for joint sealants.
- Provides a firm backing for sealant tooling.
- Easy to install.
- Economical.

APPLICABLE STANDARDS

REC BACKING ROD complies with ASTM C1330-96, Type C.

DIRECTIONS FOR USE

- **REC BACKING ROD** diameter should be greater than the joint width by 20% to 25%. This will ensure that it is held in position and the joint width/depth ratio is maintained.
- **REC BACKING ROD** cords may be installed by pushing to fit into joints.



TECHNICAL INFORMATION

Density (ASTM D792)	0.04 g/cm ³
Cell size (ASTM D3576)	0.82 mm
Water absorption (ASTM D570)	0.08 mg/cm ²
Elongation at break (ASTM D638)	60%
Service temperature	-20 to 100°C
Application temperature	-5 to 100°C
Service life	+ 20 years
Moisture permeability (ASTM D570)	0.5 g/cm ² @ 24 hr
Thermal conductivity (ASTM D5930)	0.0406 w/m ²
Permanent compression set (100 KGF/cm ²)	1 – 2%

PACKAGING

REC BACKING ROD cords are available in the following diameters (6, 10, 15, 20, 25, 30, 40, 50 and 60 mm).

STORAGE

Store under cover away from heat sources.

HEALTH & SAFETY

There are no health hazards associated with **REC BACKING ROD** in normal use. For further information, refer to the Material Safety Data Sheet.

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