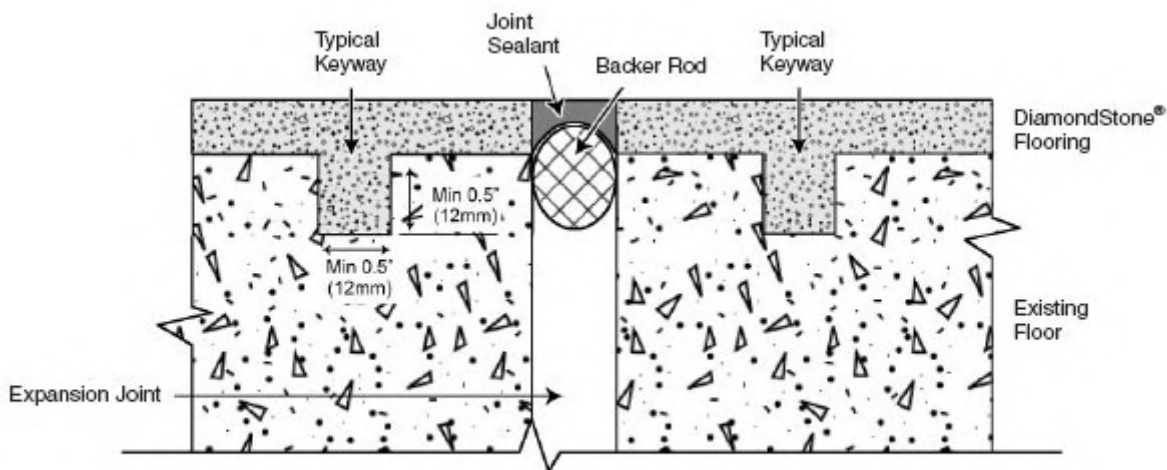


NEO-BACKROD

Closed Cell Polyethylene Joint Sealant Backer Rod



Typical Expansion Joint

NEO BACKROD supplied in circular cord lengths for use as a back-up material for sealing applications. It is resistant to weathering, ageing, inorganic salts, acids, ozone and animal and vegetable oils.

- NEO BACKROD are available for a range of applications in the industrial and residential markets. Its has excellent stretching capabilities while remaining strong enough to be elastic.
- Provides bond breaker and minimum strain shape for joint sealant
- Provides a firm backing for sealant tooling
- Excellent water resistance and Ozone resistance
- Excellent chemical resistance (Acid and Alkali)

Product Specification

Properties	Standard	Typical Values
Colour		White /Grey
Diameter		06mm to 100 mm
Density	ASTM D 3981	35 to 45 Kg/m ³
Shore A Hardness	ASTM D 2240	65
Tensile Strength	ASTM D 412	165/Kg/cm ²
Elongation at break	ASTM D 412	200 %
Tear Strength	ASTM D 624	≥ 40 Kg/cm
Compression	At 100 °C X22 Hrs	50 %
Abrasion Loss	ASTM D 5963	Pass
Water absorption		Nil
UV Resistance	ASTM G53-88	Pass
Thermal Stability	ASTM C 177	-50°C to +80° C

Application

NEO- BACKROD used in construction expansion joints to achieve the correct joint-dimensions and to prevent three sides adhesion of the sealant .Because of the closed cells NEO- BACKROD will give more support to the sealant and is most suitable for joints that are exposed to mechanical or water pressure.

Make sure that the width of the joint corresponds to the movement capability of the Sealant applied.

The diameter of the Backer Rod is recommended to be approximately 20% higher than the width of the joint. It should be positioned so that the required minimum sealant depth can be obtained. The circular section of the backer rod provides a convex face giving a minimum strain shape for elastomeric sealants while reducing the stress at the bond interface.

Compatibility

NEO-BACKROD baker rods is compatible with acrylic, polyurethane, polysulfide, silicone, butyl and most other cold applied sealants.

Packing

100 metre Pack up to 25 mm and 50 Metre Pack for above 25mm

Storage & Shelf Life

Store in clean area and dry conditions . Shelf life is indefinite if stored in covered places.

Health and safety

There are no health hazards associated with NEO BAKROD Baker Rod

