



TECHNICAL DATA SHEET

MULTI BACKING CORD

PAS-TDS-SLT-001

Description

MULTI BACKING ROD is a flexible, readily compressible, closed-cell polyethylene joint sealant back-up cord supplied in circular cord lengths.

Advantages

- * Readily compressible
- * Non-absorbent
- Rot proof
- Easy to install
- Provides minimum strain shape for joint sealants

Technical Support

Pasiffire SD Projects (Pty) Ltd offers a comprehensive range of high performance, high quality construction products. In addition Pasiffire SD Projects (Pty) Ltd offers a technical support package to specifiers and contractors.

Design Criteria

MULTI BACKING ROD is used as a back-up cord in elastomeric joint sealant applications. Example of MULTI BACKING ROD as used in a joint:

1. Multi Backing Rod
2. Sealant

Properties / Technical Data

Form:	Cross-linked, compressible closed- cell foamed circular cords
Weathering Tests:	No disintegration
Recovery:	Greater than 90% after 3 days
Water absorption:	Negligible by volume (4 weeks)
Effects of fire:	Being a thermoplastic material, MULTI BACKING ROD will melt. It is combustible out rate of flame spread will be reduced when confined within a joint
Nominal densities:	Cord 30kg / m*

Application Instructions

Joint Sealing Slots

- * When used as a back-up cord MULTI BACKING ROD serves both to regulate the depth of the sealing slot required and to ensure that sealants are forced against the sides of the joint during application. MULTI BACKING ROD also functions as a bond breaker at the back of the seal preventing additional stress on the sealant during movement.
- * The diameter of the cord should be approximately 20-25% greater than the joint width, and depressed sufficiently to provide the required sealing slot dimensions. The circular sections of MULTI BACKING ROD cords provide a convex face giving an optimum seal configuration. They also overcome any problem of twisting which can occur with square or rectangular sections.

Estimating

Nominal cord diameters: 6, 8, 10, 12, 15, 20, 25, 30, 35, 40 mm

Storage

There are no special storage requirements for this product, however, it should be stored in dry conditions and not left exposed to the elements for extended periods, especially in hot climates.

Additional Information

There are no health hazards associated with MULTI BACKING ROD in normal use.

Specification Clauses

The back-up cord as detailed shall be MULTI BACKING ROD supplied by Pasiffire SD Projects (Pty) Ltd and installed strictly in accordance with the relevant Pasiffire SD Projects technical data sheet.

Quality Assurance

Pasiffire SD Projects (Pty) Ltd production and testing programmes comply to local and international testing standards.