

MULTI BACKING CORD

Closed Cell Polyethylene Joint Sealant Back-up Rod

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
- * Rotproof
- * Easy to install
- * Provides minimum strain shape for joint sealants

Technical Support

MCC LIMPOPO offers a comprehensive range of high performance, high quality construction products. In addition MCC LIMPOPO 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 / m²

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 MCC LIMPOPO and installed strictly in accordance with the relevant MCC LIMPOPO's technical data sheet.

Quality Assurance

MCC LIMPOPO's production and testing programmes comply to local and international testing standards.

Updates:

This data sheet supersedes all previous issues prior to this date: 31/05/97.