

## MONNELI CORDOFLEX

*Technical Polyethylene Foam Cord for Expansion Joints*

### Product Description

A closed cell polyethylene foam cord with minimal water absorption for sizing static and dynamic joints in the building industry. Available in different sizes that ranges from 6mm to 50mm in diameter and could be applied both vertically and horizontally.

Serves as an excellent support for elastomeric sealants and as an efficient back up material for joint sealing applications.

### Uses

CORDOFLEX is specifically formulated in order to provide a superior filling system for expansion and fractioning joints before elastic sealing in various areas such as:

- Joints between walls and floors
- Prefabricated concrete panels
- Masonry and concrete
- Window and door frames in both ceramic
- Concrete floors and between standing finish and bearing structures

### Advantages

- Easy to install (can be inserted exerting minor pressure into any kind of joint)
- Superior resistance from deterioration
- Exceptionally flexible
- Non-absorbent
- Act as bond breaker with minimum strain shape for joint sealants
- Provides firm backing for sealant tooling
- Economical

### Instructions for Use

#### Surface Preparation

All surfaces where the waterstop is to be applied must be dry, smooth, clean, free from dust, laitance or loose materials. When otherwise necessary, it is highly recommended to use compressed air or a wire brush in order to remove further dirt, oil stains and other inconsistencies.

#### Application

Cut CORDOFLEX according to the required length and lay it along the joints accordingly. Gently push the cord against the joint with extra caution not to damage the skin of the material.

Make sure that the diameter of CORDOFLEX is approximately 20% to 25% (required depth to width ratio) greater than the width of the joint in order to ensure that the cord is tightly held in position. This procedure enhances further the aesthetic effect of the material when done on a firm base.

The joint should then be sealed with a suitable sealant from COLMEF product range.

## Technical Data

Properties	Results
Colour	Grey
Appearance	Compressible, closed cell, extruded polyethylene circular cord
Density at 20°C	25 kg/L
Longitudinal tensile strength	40 N / mm <sup>2</sup>
Longitudinal elongation	15 %
Elasticity	10%
Temperature when in use	-40°C to +80°C
Water absorption	Nil
Resistance to solvent	Good
Resistance to deformation	Excellent
Dimensional stability	Excellent

All values are subject to 5-10 % tolerance

## Packaging

CORDOFLEX is available in the following diameter (mm); 10, 15, 20, 25, 30.

## Storage

Keep the product in dry and covered shed. Do not expose CORDOFLEX into direct sunlight and keep away from all sources of heat.

## Warning

CORDOFLEX is a combustible product. Avoid any exposure to all sources of ignition or flame.

## Health & Safety

There are no health hazards in connection with CORDOFLEX in normal use.

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