



Vetoflex PBR

Closed cell polyethylene backing rod

Uses

- Controlling and filling gaps behind sealants
- Prohibiting sealant bonding to joint fillers.
- Allowing joint sealant freedom of movement to achieve its desired function.

Product Description

Vetoflex PBR is 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. Vetoflex PBR serves as an excellent support for elastomeric sealants and as an efficient back up material for joint sealing applications.

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
- Withstands adverse weather conditions
- Economical

Design Criteria

When using Vetoflex PBR follow standard concrete joints practices. Saveto recommends the use of ACI 224.3-95 (re-approved 2013) for joint design.

Vetoflex PBR is used 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.

Technical Data

Vetoflex PBR	Typical Values @ 25°C
Appearance	Compressible, closed cell, extruded polyethylene circular cord
Color	Grey or White
Density - ASTM D792	~0.04 g/Ltr.
Cell Size - ASTM D3576	0.82 mm
Water Absorption ASTM D570	0.08 mg/cm ²
Moisture Permeability ASTM D570	0.5 g/cm ² .24hr
Longitudinal Elongation ASTM D638	60 %
Elasticity	10%
Thermal Conductivity ASTM D5930	0.04 W/m ² .°C
Resistance to Solvent	Good
Color Availability	White, Grey.
Permanent Compression Set (100 KG/CM ²)	1-2%
Dimensional Stability	Excellent

Usage Instructions

Surface Preparation

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

Application

Cut Vetoflex PBR 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 Vetoflex PBR 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 Saveto's product range

Packaging & Coverage

Vetoflex PBR Rod Diameter (mm)	Piece Length (m) x Pack	Quantity / Pack
6mm	100mx8pcs	800m
8mm	100mx8pcs	800m
10mm	100mx8pcs	800m
12mm	100mx8pcs	800m
15mm	60mx6pcs	360m
20mm	50mx4pcs	200m
25mm	25mx4pcs	100m
30mm	25mx4pcs	100m
40mm	4mx25pcs	100m
50mm	4mx25pcs	100m
60mm	4mx25pcs	100m

Shelf Life & Storage

Keep Vetoflex PBR stored clear of ground in a dry shaded place below 35°C.

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Health & Safety

Vetoflex PBR is not classified hazardous.

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

Additional Information

Saveto manufactures a wide range of construction chemicals and specialty products for various applications divided into the following product groups:

- Concrete Repair, Grouts and Enhancement.
- Wall & Facade Systems.
- Flooring and Coating Systems.
- Sealants and Joints.
- Plasters & Renders.
- Putties & Finishes.
- Tiling Systems
- Waterproofing.
- Primers & Ancillary Products.
- Specialty Products.

Saveto also provides various technical information such as CAD details, detailed method statements, specification clauses, application manuals, product selectors and technical support both in contractors and consultants offices as well as construction sites.

For further information on these products and systems kindly check our website or contact your local Saveto representative.