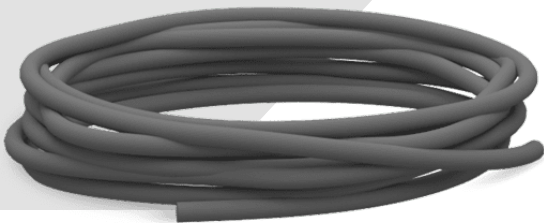


Vetoflex PBR

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 range from 6mm to 50mm in diameter and could be applied vertically and horizontally. Vetoflex PBR serves as excellent support for elastomeric sealants and efficient backup material for joint sealing applications.

Advantages

- Easy to install (can be inserted exerting minor pressure into any joint).
- Superior resistance from deterioration.
- Exceptionally flexible.
- Non-absorbent.
- Acts 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 (gm/liter)	~0.04
Cell Size - ASTM D3576 (mm)	0.82
Water Absorption - ASTM D570 (mg/cm ²)	0.08
Moisture Permeability ASTM D570 (g/cm ²) @ 24 hrs	0.5
Longitudinal Elongation ASTM D638 (%)	60
Elasticity (%)	10
Thermal Conductivity ASTM D5930 (W/m ² .°C)	0.04
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, 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 Vetoflex PBR according to the required length and lay it along the joints accordingly. Next, gently push the cord against the joint with extra caution not to damage the skin of the material.

Ensure that the diameter of Vetoflex PBR is approximately 20% to 25% (required depth to width ratio) greater than the joint's width to ensure that the cord is tightly held in position. This procedure further enhances the aesthetic effect of the material when done on a firm base. Next, seal the joint with a suitable sealant from Saveto's product range.

Packaging & Coverage

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

Shelf Life & Storage

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

Legal Disclaimer

Saveto endeavors to ensure that any advice, recommendations, information it may give is accurate and correct. It cannot accept any liability either directly or indirectly arising from the use of its products because it has no direct or continuous control over where or how its products are applied, whether or not following any advice, specification, recommendation, or information given by us. Saveto has the right to change any of the technical datasheets specifications upon its discretion without prior notification.

Hard copies of TDSs are printed once or twice a year. Our technical data sheets are continuously updated as per R&D improvements and new 3rd party testing; kindly refer to our website for the latest updated TDSs.

Health & Safety

Vetoflex PBR is not classified as 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.

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