

ECA Backing Rod

Sealants back up material



Description

ECA Backing Rod's are manufactured from closed cell polyethylene, are non-absorbing, are U.V resistant and have excellent weather ability properties.

Advantages

- Non-absorbent.
- No bitumen content.
- Lightweight.
- Ability to compress and recover.
- Excellent weather ability.
- Acts as a bond breaker.
- Resistant to ultraviolet light.
- Suitable for submerged or trafficable joints.

Areas of Application

ECA Backing Rod's are used in joints in pre-cast and cast-in-situ concrete elements to give support to the joint sealant application, aid in the correct joint sealant geometry (application depth and shape) and prevent the joint sealant from adhering to the top of the expansion joint filler board (3way bonding), acting as a bond breaker.

Sizes

ECA Backing Rod's are available in roll lengths for round shapes and available in lengths of 1 metre, 1.5 metre and 2 metre for square sections. Standard diameter sizes are 6mm up to 80mm. Section sizes are as follows: 10mm x 10mm, 15mm x 15mm, 20mm x 20mm and 25mm x 25mm. Custom diameter and section sizes can be easily manufactured to suit.

PROPERTY	RESULT	UNIT
Density	33	Kg/m ³
Compression Set	15	%
Compression Stress	13	kPa
Water Absorption	below 3.0	g/m ² d
Elongation	80	%
Tensile strength	0.18	N/mm ²
Temperature strength	-40 to +95	Celsius

Choice of Section:

WIDTH OF JOINT	DIAMETER
10mm	13mm
15mm	20mm
20mm	25mm
25mm	30mm
30mm	38mm

Other size diameters and sections are available.

Insulation Procedure

Choose a diameter or square section which is approximately 20% to 25% bigger than the actual joint size so it can be compressed to fit inside the joint leaving a tight and firm fit. Apply the backer rod to your specified depth for the sealant application.

Health and Safety

For further information or advice on health and safety precautions, safe handling, storage and correct disposal of products, please refer to the most recent product Material Safety Data Sheet (MSDS), which is available upon request.

Storage

Store in dry conditions and protect from heat.

Technical Service

The Technical Department is available to assist you in the correct use of our products and its resources are at your disposal entirely without obligation.

Contact Information

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