

Estop Backer Rod

Circular Cords Polyethylene Foam

Description

Estop Backer Rod is a compressible closed cell polyethylene foam, supplied in circular cords lengths as a backup material for joint sealants.

Due to its light weight, it acts as debonding 'tape' between joint filler and sealant.

Uses

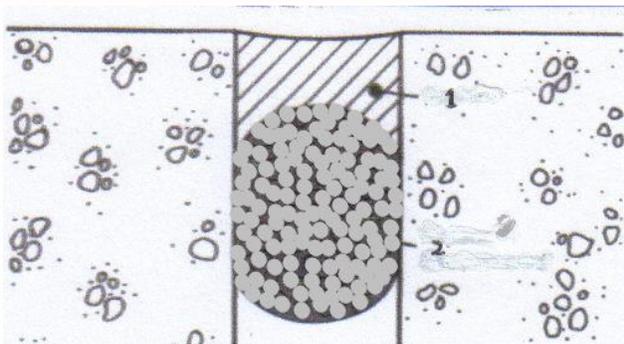
Estop Backer Rod performs several functions. They enable the correct width to depth ratio of the sealing slot to be obtained and provide a firm backing to ensure that sealants are forced against the sides of the joint during application. They function as a bond breaker at the back of the seal preventing additional stress on the sealant during joint movement

Advantages

- Economical
- Easy to install
- Readily compressible
- Rot-proof and non-absorbent
- Provides bond breaker and minimum strain shape for joint sealant.

Design Criteria

Below is an example of a sealed expansion joint.



1. Estop Sealant Range
2. Estop Backer rod

Physical Properties

Form	Compressible close cell foam circular cords
Storage life	Indefinite
Water absorption	Negligible
Colour	Grey
Temperature stability	-40 °C to 60 °C
Density	35 to 40 kg/m ³

Installation Instructions

Estop Backer Rod is selected oversize and push fitted into the joint. A blunt tool should be used to prevent damage to the surface skin of the cord during insertion.

The diameter of the cord should be approximately 20% to 25% larger than the width of the joint, positioned so that the required minimum sealant depth is obtained, measured at the centre of the joint.

When installed the circular section of **Estop Backer Rod** cords provides a convex face giving a near optimum minimum strain shape for elastomeric sealants reducing the build up of stress at the bond interface.

Packing & Size

Estop Backer Rod is sold per carton or bundle. The length of each cord size is shown below.

Cord diameter, mm	Linear metres, m	Packing
6	300	1 roll / Carton
8	200	1 roll / Carton
10	250	1 roll / Carton
13	150	1 roll / Carton
15	100	1 roll / Carton
20	100	5 rolls / Bundle
25	100	5 rolls / Bundle
30	50	5 rolls / Bundle
35	50	5 rolls / Bundle

Technical Support

Estop offers a technical support package to specifiers, end-users and contractors, as well as on site technical assistance.

Storage

Store in dry and covered condition.

Precaution

There is no known health hazards associated with **Estop Backer Rod** in normal usage.

Additional Information

Estop manufactures and offers a wide range of complementary products which includes waterstops, waterproofing products, grouts, anchors, specialized flooring products. In addition, a wide range of products formulated for repair and refurbishment of spalled concrete are available.

Important Note

Estop products are guaranteed against defective materials and manufacture and are sold subject to its standard Terms and Conditions of Sale, copies of which may be obtained on request. Whilst Estop endeavors to ensure that any advice, recommendation, specification or information in may give is accurate and correct, it shall not, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification, recommendation or information given by it.