

Fosroc® Expandafaom Open Cell



constructive solutions

Low density, open cell polyurethane foam backing rod

Uses

As a bond breaker/joint profile former to support elastomeric sealants in expansion joints between all common building materials

Advantages

- Compatible with all elastomeric sealants
- Open cell structure allows greater air contact with joint sealants resulting in faster cure rate of single component joint sealants
- Readily compressible - each size accommodates a wide range of joint sizes
- Low load transfer
- CFC free

Description

Expandafaom Open Cell is an open cell polyurethane foam rod supplied in circular section cords of varying diameters. Expandafaom Open Cell is primarily used in expansion joints which are to be subsequently sealed with one component polyurethane and similar sealants.

Properties

Data quoted are typical for this product, but do not constitute a specification.

| | |
|-------------------------|---|
| Form: | Compressible, open cell polyurethane foam rod |
| Colour: | Light Orange |
| Nominal density: | 31 kg/m ³ |

Design Criteria

Expandafaom Open Cell should always be installed into a joint under compression to ensure that applying the joint sealant will not displace the foam. This is achieved by compressing Expandafaom Open Cell by 30% when installing into a joint (or by using foam 1/3 larger than the joint size). As a guide, use sizes noted on the chart below:

Expandafaom Closed Cell diameter selection guide:

| Joint width | Expandafaom Open Cell diameter |
|-------------|--------------------------------|
| <10 mm | 16 mm |
| 11 to 15 mm | 22 mm |
| 16 to 20 mm | 29 mm |
| 21 to 25 mm | 38 mm |
| 26 to 35 mm | 50 mm |

Application Instructions

Application

When used as an expansion or isolation joint filler, Expandafaom Open Cell should be positioned to provide for a surface sealing slot of required dimensions, ensuring that the sealing slot is free from mortar droppings, slurry, etc.

When used as a backing strip, Expandafaom Open Cell is simply push fitted back into the joint. The cord diameter used should be at least 30% greater than the joint width.

External walling and cladding

Expandafaom Open Cell is used as a backing strip for expansion joints, as a gap filler for any open joints prior to application of any cold applied joint sealant and as a readily compressible, low load transfer joint filler in joints surrounding brick infill panel walling

Limitations

Expandafaom Open Cell, as with other foam backing rods, is not suitable for use with hot pour sealants.

Applications where joint backing must provide continual support for the joint sealant e.g. water retaining structures or floor joints subject to traffic, Stiffjoint, a semi rigid filler should be used.

Expandafaom Open Cell is not resistant to long term UV exposure.

Supply

Expandafaom Open Cell is available in the following sizes and roll lengths:

| Size | Material code |
|------------------|---------------|
| 16mm x 150m roll | FC700981-UNIT |
| 22mm x 100m roll | FC700982-UNIT |
| 29mm x 60m roll | FC700983-UNIT |
| 38mm x 30m roll | FC700984-UNIT |
| 50mm x 20m roll | FC700985-UNIT |

Fosroc® Expandaf foam Open Cell

Important notice

A Safety Data Sheet (SDS) and Technical Data Sheet (TDS) are available from the Parchem website or upon request from the nearest Parchem sales office. Read the SDS and TDS carefully prior to use as application or performance data may change from time to time. In emergency, contact any Poisons Information Centre (phone 13 11 26 within Australia) or a doctor for advice.

Product disclaimer

This Technical Data Sheet (TDS) summarises our best knowledge of the product, including how to use and apply the product based on the information available at the time. You should read this TDS carefully and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. Our responsibility for products sold is subject to our standard terms and conditions of sale. Parchem does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.