

NUCELL 100

Closed-cell Polyethylene Joint Filler

Description

Nucell 100 is a closed cell polyethylene joint filler for use as an expansion joint filler in blockwork and concrete where a readily compressible low load transfer joint filler is required.

Advantages

- Excellent recovery after compression.
- Inorganic therefore will not rot.
- Readily compressible.
- Low load transfer.

Surface Preparation

The sealing slot should be formed to the required dimensions ensuring that the sealing slot is free from mortar and debris.

Application Instructions

When used as an expansion or isolation joint filler in brickwork and concrete, Nucell 100 should be provided to suit the required dimensions of the surface sealant.

Nucell 100 sheets may be fixed into position using a suitable contact adhesive ensuring that the sealing slot is not contaminated with adhesive.

Where Nucell 100 is used as a back-up strip in existing joints, the width of the Nucell 100 should be recessed sufficiently to provide the required sealing slot dimensions.

Packaging

Sheet Size: 1000mm x 2000mm

Sheet Thickness: 10, 15, 20 and 25mm

N.B. Special sheet sizes and widths may be supplied depending upon quantity and delivery requirements.

Technical Information

Form:	Compressible closed cell polyethylene.
Weathering Test:	No disintegration
Recovery:	Greater than 70%
Water Absorption:	Negligible
Nominal Density:	33 Kg/M ³
Specification Compliance:	DTp Road and Bridge Specification for Highway works 1986 Part 3 Clause 1015. Hong Kong General Specification for Civil Engineering Works.

Storage

To be stored in a dry place and not left exposed to the elements for extended period especially in hot climates.

Health & Safety

There are no health hazards associated with Nucell 100 in normal use.

Limitations

Being made from a thermoplastic material, Nucell 100 will burn on contact with direct heat.

Technical Support

Through our technical department and laboratories we can offer a comprehensive service to specifiers and contractors. Local technical representatives are available to provide further assistance.