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TECHNICAL DATASHEET

PENOSIL Premium Backer Rod PE

Closed-cell polyethylene foam round backer rod for cold sealing applications. It is highly flexible and compressible for easy installation. Closed cell structure does not allow the absorption of moisture or air. Compatible with polyurethane, hybrid, silicone and most other cold sealants.

Fields of application

The product is ideal to use as a backing material in different joints, to control the sealant depth and avoid three-sided adhesion. For example, expansion and control joints of facades and floors, the joints of pre-cast panels, perimeters of window and door frames, etc. It can also be used as a temporary joint seal.

Application instructions

The surfaces must be dry and clean from dust, loose particles and oil.
The diameter of the backer rod should be approximately 25% larger than the joint width. Backer rod is installed, taking into consideration that it gives the joint sealant the correct depth and shape. When installing the backer rod, it must be ensured that the surface of the backing material wouldn't be damaged.
Backer rod shouldn't be overly stretched and compressed during the installation. If priming is required on the edges of the joints, it has to be done before installing the backer rod.

Technical data

Properties	Unit	Value
Density	kg/m³	22±6
Reaction to fire (EN 13501-1)		E
Temperature resistance	°C	from -40 to +90

Colour

Grey

Package

Diameter of the backer rod	Meters in box
Ø6 mm	1500m/box
Ø10 mm	550m/box
Ø20 mm	150m/box
Ø25 mm	200m/box
Ø30 mm	160m/box
Ø40 mm	270m/box

Storage conditions

Store in a dry and cool place and keep away from all sources of heat and direct sunlight.

Safety information

This product is an article, without intended release of a chemical substance, under the Regulation No 1907/2006 of the European Parliament and the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). It does not require a safety data sheet.

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The foam may accumulate electrostatic charges which may produce electric shocks. Temperatures above +250 ºC may cause decomposition of the material. Contact with sources of ignition and/or heat may cause explosions.

Disposal considerations

The proper means of disposal of this product are: incineration in appropriate systems with energy recovery, elimination in landfill facilities or recycling methods.