



ATLAS BACKER ROD

flexible filling of expansion joints

- flexible
- resistant to ageing
- non-absorbent
- easy to install



FOR WALLS
AND FLOORS



FOR INTERIOR
AND EXTERIOR USE



EASY IN USE

Properties

- Flexible** - adapts very easily to the shape of the slot.
- Age-resistant** - sealed in the expansion joint with silicone or other sealant, it will not be damaged by changing weather conditions and is resistant to a wide range of chemicals.
- It has a closed cell structure** - it is impermeable to water and water vapour.
- Reduces the amount of material needed to properly fill and sealing of the joint.**
- Supports the work of the sealants used in the joint.**

Purpose

- Filling and sealing:**
- Expansion joints in ATLAS 100 and ATLAS 150 eaves systems for terraces and balconies.
 - construction joints before applying sealing coating - e.g. when insulating buildings, installing windows and doors, making expansion joints in floors, walls, etc.
- It provides a suitably strong foundation for the joint filling material** - e.g. silicone.

Technical data and requirements

The backer rod is made of foamed polyethylene. Corresponds to DIN 18540

Tensile strength	very good
Density	30-40 kg/m ³ , ASTM D 1667
Thermal resistance	-40°C to +95°C
Absorption	non-absorbent due to its closed-pore structure
Work temperature	-20°C to +40°C

General rules for the installation of expansion joints

The backer rod should have a diameter approximately 25% larger than the width of the expansion joint to be filled - when placed into the joint should be compressed and not move during application of the sealant. The joint should be cleaned of loose parts before the rod is inserted. The rod should be pressed into the joint with a blunt, rounded tool. and placed at the correct depth so that the sealant layer can reach the correct thickness for itself. When installing the rod, avoid stretching or compressing it longitudinally. The installed rod should not come into contact with the third plane (bottom of the expansion joint).

Packaging

Rod diameter	Type of packaging	Length in pack
6 mm	reel	500 m
10 mm	reel	350 m
15 mm	reel	500 m
20 mm	reel	500 m
6 mm	plastic bag	50 m
10 mm	plastic bag	50 m
15 mm	plastic bag	50 m
20mm	plastic bag	50 m

Important additional information

Store the rod in dry conditions. Damage to the surface of the rod can cause sealant bonding and disrupt the uniform stress distribution.

The information contained in the Technical Data Sheet is a basic guideline for the use of the product and does not exempt from the obligation to carry out the work in accordance with the rules of the trade and in compliance with health and safety regulations. With the issue of this Technical Data Sheet, all previous ones are no longer valid.

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