



TEKATRAK BACK FILLING



TEKATRAK BACK FILLING is a polyethylen foamed material ideal for using as a back filling in joint sealing between the same or different building materials.

PROPERTIES

- Expanded polyethylene with a closed-cellular structure
- Round profiles
- High elasticity
- Flexibility in combination with its cylindrical shape and the close skin
- It is not water sucking when processed competent

USE

- Applications in expansion joints, as depth limiting, as a perfect support for sealants
- As back filling materials for sealing of windows and outer door connecting joints
- As back filling material in exterior joints in facades, interior joints in kitchen and bathroom, joints in prefabricated panels, joints in pavement
- As back filling material in water tight buildings, water tight joints in dam walls, water tight joints in water reservoirs in general

TECHNICAL DATA

Chemical basis		foamed polyethylene, close-cellular
Colour		grey
Water absorption		irrelevant
Fire behaviour according to DIN 4102		B2
Temperature resistance		-40°C to + 60°C
Elastic recovery		excellent
Durability		excellent
Chemical resistance against	common acids	resistant except nitric acid
	Alkalis	resistant
	Solvents	resistant
	Lubricant oils	resistant
	Detergents	resistant

Diameter (mm)	Relative density (kg/m ³)	Tensile Strength (kPa)	Compressive strength at 25% deformation (kg/cm)
10 ± 1	25 ± 5	250	0,21
15 ± 1	25 ± 5	250	0,49
20 ± 1	25 ± 5	250	0,53
30 ± 1,5	25 ± 5	250	1,21

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APPLICATION

The shaping of expansion joints in the construction must be carried out in accordance with DIN 18540. Tekatrak back filling must have characteristics that avoid three-sided bonding, do not impair the sealing material and do not absorb water.

When inserting the profile into joint shaping, it is necessary that profile is by about 25% compressed and then pushed with a blunt object without sharp edges until it is placed in the required depth. The product shall not be in contact with any sharp objects as the surface could otherwise be damaged.

Once inserted Tekatrak back filling presents a concave shape for simple placement of the corresponding joint sealing material.

PACKGING

Diameter (mm)	Standard cardboard box (dim. 610 x 610 x 610 mm)	5 small dispensers (dim. 480 x 470 x 190 mm) in Cardboard box (dim. 500 x 500 x 1000)
10	1150m	/
15	550m	/
20	350m	5 x 50m
30	160m	/

STORAGE

- Unlimited, if stored in tightly closed boxes in dry places at room temperature.

SAFETY PRECAUTIONS

When working with Tekatrak back filling, no particular safety precautions are necessary.

ATTENTION

The instructions are given on the basis of our own research and experience, but due to specific circumstances, working conditions and working habits we recommend testing before any form of usage.