

**Floor Systems / Floor Systems - Other Products****FIXA®****Polyethylene Backer Rod****DESCRIPTION**

Closed cell structured, **polyethylene (PE)** based backer rod, used in adjusting joint depth.

**APPLICATION AREAS**

- Supporting the filler chemical used in joint and dilatation isolation
- As joint filler in junctions of structural members such as doors and windows with the wall
- To provide proper movements of joints by adjusting the joint depth
- To prevent the filler chemical used in joints to bond to the floor and to offset the structure floor movement better.

**TECHNICAL PROPERTIES**

<b>Appearance</b>	Grey colored PE rod
<b>Density</b>	25 – 30 kg/m <sup>3</sup>
<b>Heat Conductivity Coefficient (<math>\lambda</math>)</b>	0.04 W/mK
<b>Water Absorption Sensitivity</b>	1.5% change in volume after 28 days in water
<b>Water Vapor Diffusion Coefficient (<math>\mu</math>)</b>	$\geq 3500$
<b>Service Temperature</b>	-40°C / +100°C

**ADVANTAGES**

- Reduces costs by preventing excess use of fillers such as sealants.
- Does not bond to MS, hybrid and polyurethane sealants which are applied on it and moves inside the joint separately
- Flexible and can be squeezed
- Air and water impermeable
- Prolongs the life of joint sealant
- Neutral, does not emit odor
- Easy to apply

**CONSUMPTION**

Varies depending on the joint width.

**PACKAGING**

<b>Diameter</b>	<b>Meter/Bag</b>
6 mm	2.000
8 mm	1.200
10 mm	1.000
15 mm	500
20 mm	270
25 mm	180
30 mm	120
35 mm	100
40 mm	80
50 mm	50
60 mm	40
70 mm	20

## APPLICATION

### PREPARATION OF THE SURFACE

Clean all kinds of dust, dirt, sawdust, construction and cement residues remaining in the joint gaps thoroughly with a thin stick or brush before the application.

### APPLICATION

- Squeeze and insert into the joint the PE backer rod which is 20% thicker than the joint.
- Cover with FIXA's suitable MS, hybrid or polyurethane sealants.

### CAUTION

- Do not approach with fire.
- Store in closed areas, in a place out of sunlight.

### HEALTH AND SAFETY

Do not approach storage or application areas with fire. During the application, use work clothes, protective gloves and glasses in accordance with the occupational and worker health rules. Consult a doctor if accidentally swallowed. Store out of the reach of children.

The application instructions and technical values given for the products have been obtained in accordance with our tests and experiences in accordance with international standards at 23±2°C temperature and 50±5% relative humidity conditions. These values may vary depending on ambient conditions. High temperatures shorten the times, low temperatures lengthen them. Before starting the application, the user should test whether the product is suitable for the application and purpose. FIXA Yapı Chemicals San. Trade Ltd. Sti. is not responsible. This Technical Data Sheet remains valid until the next revision is published. FIXA reserves the right to change the values specified in this Technical Data Sheet, provided that the new version is published. It is the user's responsibility to check that the document is up-to-date. Please contact our sales department for more information.