

Product Description

BILIZO® POLYFLEX T is a polysulfide based, two component, fully elastic, fluid joint putty applied cold to horizontal joints.

Usage

- Air ports, aprons and hangars
- Garage floors and parking lots
- Fuel facilities
- Factory flooring, terrace flooring
- Generally all types of flooring joints, expansion joints
- Aqueous acids, caustic tanks and spaces
- Prefabricated element joints

Advantages

- It is applied to horizontal joints where waterproofing is desired.
- Resistant to fuel oil, oil and chemicals, aqueous acid, caustic and UV
- It adheres perfectly to concrete and is fully elastic
- Long-lasting, polysulfide-based putties applied thirty years ago still maintain their perfection and elasticity.
- The applied paste maintains its properties in temperature and weather conditions between -40 °C and +120° C.

Technical Data

Color	Black
Form	Pourable
Density	1,60 kg/lt
Solid Ratio	%99
Shore A Hardness	15-20
Movement	± %25
Cure Time	12 - 24 hour (depends on temperature)
Pot Life	15 min
Application Temperature	+5°C - +40°C
Working Temperature Range	- 40°C ~ + 120 °C
Curing Product	Manganese dioxide
Bond Tests	No separation or rupture
Original Penetration	0,9 mm.
Solvent Penetrasyon	0,7 mm.
Leaking	None
Solubility	% 0,36
Elongation at Break	%400

RESISTANT TO CHEMICALS	PACKAGE
Aircraft fuel, Dilute acid, Alkaline, petroleum, Diesel Kerosene, Oil, Brine, Solvent, Waste water	4 kg total

JOINT FACTOR and APPROXIMATE CONSUMPTION		
JOINT WIDTH (cm)	JOINT DEPTH (cm)	JOINT DEPTH (kg/m)
0,5 – 1	0,5 - 1	0,040 - 0,160
1 – 2	1 - 1	0,160 - 0,320
2,5 – 5	1,25 - 2,50	0,500 - 2,000

Application

Before application, the joint should be dry and clean, its edges should be cleaned with a wire brush, spiral or sandblasting. It is recommended to keep air in the joint gap so that there is no dust left in the joint. Before applying BILIZO® POLYFLEX, it is recommended to apply primer to the joint edges. However, a primer may not be needed on very well cleaned surfaces. If more than 3 hours have passed since the primer application, the primer should be applied again. Joint filling process starts 30 minutes after the primer application. BILIZO® POLYFLEX has two components, A and B. In its package, these two components are dosed in appropriate proportions. Before use, component B is poured into box A and mixed with a low-speed mixer. Mixing at high speed may drag air into the mixture. In this case, these air bubbles are eliminated by knocking the tin on the ground several times. In order for the A component and the B component to mix uniformly in the given proportions during mixing, it should be ensured that the sides and bottoms of the tin can be added to the mixture, that is, these areas should be scraped thoroughly with a mixer. The prepared paste with a flowing consistency is poured into the joint by means of a duck-mouth cup, or the joint is filled with a special suction gun. Since BILIZO® POLYFLEX has low viscosity, it is self-leveling at the joint. (Self leveling) It is not applied if the air temperature is below 50°C.