

Joint Sealant for Horizontal Joints



Product Description

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

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

Technical Data

Black
Pourable
1,50 kg/lt
%99
15-20
± %25
12 - 24 hour (depends on temperature)
25 min 45 min.
+5°C - +40°C
- 40°C ~ + 120 °C
Manganese dioxide
No separation or rupture
0,9 mm.
0,7 mm.
None
% 0,36
%400

Our technical advice for use, whether verbal, written or in tests, is given in good faith and reflect the current level of knowledge and experience with our products. When using our products, a detailed object-related and qualified inspection is required in each individual case in order to determine whether the product and /or application technology in question meets the specific requirements and purposes. We are liable only for our products being free from faults; correct application of our products therefore falls entirely within your scope of liability and responsibility. We will, of course, provide products of consistent quality within the scope of our General Conditions of Sale and Delivery. Users are responsible for complying with local legislation and roo the reguired approvals or authorizations. Values in this technical datasheet are given as examples and may not be regarded as specifications. For product specifications contact our R+D department. The new edition of the technical datasheet supersedes the previous technical information and renders it invalid. It is therefore necessary that you always have to hand the current code of practice.



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

JOINT FACTOR and APPROXIMATE CONSOMPTION			
JOINT WIDTH (cm)	JOINT DEPTH (cm)	JOINT DEPTH (kg/m)	
0,5 - 1	0,5 - 1	0,040 - 0,150	
1-2	1 - 1	0,150 - 0,300	
2,5 – 5	1,25 - 2,50	0,450 - 1,800	

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.

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