POLYMER-MODIFIED BITUMINOUS SEALANT FOR SEALING ASPHALT AND CONCRETE JOINTS AND CRACKS

FUGOBIT

since 1957

SVETI NIKOLE

www.bim.com.mk

FUGOBIT

POLYMER-MODIFIED BITUMINOUS SEALANT FOR SEALING **ASPHALT AND CONCRETE JOINTS AND CRACKS**

CE
EN 14188-1

DESCRIPTION, TYPES AND CHARACTERISTICS

What is FUGOBIT ?

FUGOBIT A and **B** are homogeneous mixtures of polymer-modified bitumen (SBS) and mineral filler. The mixture is cast into molds of 20–30 kg and is in a solid state.

FUGOBIT K is a homogeneous mixture of bitumen and mineral filler. The mixture is poured into 20 kg metal cans.

Types of FUGOBIT produced by BIM a.d. Sveti Nikole:

FUGOBIT A

FUGOBIT B

FUGOBIT K

Technical characteristics	Method	Unit	Declared value	
			FUGOBIT A	FUGOBIT B
Visible properties	homogeneous, in accordance with the declaration			
Softening point R&B	EN 1427	°C	≥ 100	≥ 115
Density of 25°C	EN 13880-1	g/cm^3	≥ 1.1	
Cone penetration at 25°C	EN 13880-3	0,1mm	40-130	
Penetration and recovery (resilience)	EN 13880-3	%	≥60	
Heat resistance, 168h/ 70°C	EN13880-4			
Resilience and penetration at 25°C	EN13880-4	%	≥60	
Change in softening point value		°C	-	
Change in cone penetration value		0,1 mm	40-130	
Flow resistance at 60°C/5h, angle 70°	EN13880-5	mm	≤ 5	
Hazardous substances	This product does not contain asbestos or tar constituents			

			FUGOBIT K
Visible properties	homogeneous, in accordance with the declaration		
Softening point R&B	EN 1427	°C	≥ 85
Penetration at 25 °C	EN 1426	1/10 mm	28-35
Filler content	MKS U.M3.095	%	≤ 50
Sealing ability	MKS U.M3.095	°C	180-190
Stability in heated state	MKS U.M3.095	%	≤ 5
Heat resistance • after 1 hour • after 24 hours	MKS U.M3.095	°C	1,2-4 ≤ 8
Cold resistance: drop height of ball from 4 m	MKS U.M3.095	°C	stable at -5°C
Flow (mm) at 60 °C for 5 hours	MKS U.M3.095	mm	≤ 10
Hazardous substances	This product does not contain asbestos or tar constituents		

INTENDED USE

FUGOBIT A

It is used for filling **asphalt** joints and cracks using a hot application method

FUGOBIT B

It is used for filling **concrete** joints, cracks, expansion joints, etc., using a hot application method

FUGOBIT K

It is used for filling joints in **cobblestone pavements** using a hot application method






APPLICATION

FUGOBIT A and B

Before use, if necessary, the mass should be cut into small pieces and melted. During heating, the mass must be stirred to prevent local overheating or sedimentation of the mineral particles. The temperature of the mass must not exceed 210 °C. The optimal working temperature is 190–200 °C. If the temperature drops below 185 °C, adhesion decreases, while excessively high temperatures can degrade the elastomer or cause coking.
On a wet substrate or in foggy conditions, the mass must not be used due to the risk of condensation forming between layers.
First, the substrate should be thoroughly cleaned of dust (preferably with a compressor) and coated with a bituminous primer to achieve better penetration.

For the application of FUGOBIT A, special machines are most commonly used, which directly melt the mass at a controlled temperature and dispense it into asphalt joints and cracks.

FUGOBIT K

The application process is the same, with the optimal working temperature being 170–180 °C.

FUGOBIT A
FUGOBIT B

- **Excellent adhesion to asphalt, concrete surfaces, metals, etc.**
- **High resistance to heavy traffic loads**
- **Resistant to large temperature variations**
- **Absorbs deformations in three dimensions**
- **Allows reopening of traffic a few hours after repair**

FACTORY FOR PRODUCTION OF
BITUMEN WATERPROOFING MATERIALS

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