

Description

SABA Sealer MBT is a 2-component, thixotropic, elastic joint filler, based on Polysulfid Polymer.

Special properties

- Resistant to motor fuels like petrol, diesel oil and LPG
- Resistant to solvents and chemicals
- No solvents

Field of application

SABA Sealer MBT is specially used for sealing of vertical joints at environmental protection.

Method of use

For more information concerning the method of use please read the corresponding SABA Info sheets and/or Primer lists.

Technical data

		Part A	Part B
Basis		: polysulfide	anorganic peroxide
Viscosity		: thixotropic	approx. 50 Pa.S
Density	(EN 542)	: approx. 1340 / 1560 kg/m ³	approx. 1700 kg/m ³
Solids content		: approx. 100 %	approx. 100 %
Application time	(23 °C, 75% rlv)	: approx. 1½ - 2 hours	
Curing time	(23 °C, 75% rlv)	: approx. 24 hours	
Hardness Shore A	(EN ISO 868)	: approx. 25	
Volume alteration	(EN ISO 10563)	: 0 %	
Maximum allowable deformation	(ISO 11600)	: approx. 25% of the joint width	
Modulus at 100%	(EN ISO 8339)	: approx. 0,24 N/mm ²	
Tensile strength	(EN ISO 8339)	: approx. 0,60 N/mm ²	
Elongation at break	(EN ISO 8339)	: approx. 350 %	
Elastic recovery	(EN ISO 7389)	: approx. 90 %	
Work temperature		: minimum + 5 °C, maximum + 35 °C	
Storage temperature		: minimum + 5 °C, maximum + 25 °C	
Temperature resistance		: approx. from - 40 °C up to + 120 °C	
Shelf life Cartridges		: 6 months in unopened packing	
Shelf life Sets		: 12 months in unopened packing	

Order information

Packing Content	Cartridge	Set	Set	Cartridge
	450 ml	2 ½ litres 7 ½ litres	450 ml	2 ½ litres 7 ½ litres

Colour	Black	Grey
Article No.	100282	100283

Safety recommendations

For more information concerning safety please read the corresponding SABA Safety Data Sheet.

SABA Dinxperlo BV

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Our recommendations and instructions for use are based on the present status of know-how and technique. Clients and users should evaluate our products by themselves, with regard to utilization and requirements of their own choice. We shall take no responsibility in case our products are not being used subject to our recommendations and/or instructions for use. Furthermore, General Terms and Conditions of SABA Dinxperlo BV, will apply to our recommendations, instructions for use and the delivery of our products.

Version: 2010-05-10, replaces all previous versions

Other Information

1. Certification

- Conforms to testing method BRL 2825
- TNO Centre for Polymer Materials, "Toetsing kit criteria Wegdekvoegmassa's", report nr. 831/89
- KOMO product certificate K 7346/01 of KIWA in Rijswijk, Holland
- Comply to CE regulations according EN14188-2 class A,B,C and D
- European Technical Approval (ETA-07/0124)

2. Durability against chemicals

Comply to the requirements of the following groups

LC1: Gasoline, super gasoline in accordance EN228

LC2: Jet fuel

LC3: Light fuel oil, diesel, unused engine oils, unused gear oil with flash point >55°C

LC4: All hydrocarbons

LC4a: Benzene and benzene containing mixtures

LC4c: Crude oil

LC5a: All alcohols and glycol ethers

LC7: All organic esters and ketones

LC7a: All aromatic esters and ketones

LC7b: Biodiesel

LC8: Aqueous solutions of aliphatic aldehydes up to 40%

LC8a: Aliphatic aldehydes and their solutions in water

LC9: Aqueous solutions of organic acids up to 10% and their salts

LC9a: Organic acids excluding formic acid

LC10: Inorganic acids up to 20% as well as inorganic salts in water (pH<6) except HF and its salts

LC11: Inorganic bases as well as inorganic salts in water (pH>8) except ammonia and oxidizing solutions of salts

LC12: Aqueous solutions of inorganic not oxidizing salts with pH between 6-8

3. CE measurement according to EN 14188-2

Bonding strength:

Bonding modulus at -20 °C : ca. 0,49 N/mm²

Adhesion / cohesion failure at -20 °C : none

Cohesion:

Cohesion modulus at -20 °C : ca. 0,60 N/mm²

Adhesion / cohesion failure at -20 °C : none

Cohesion modulus at +23 °C : ca. 0,24 N/mm²

Adhesion / cohesion failure at +23 °C : none

Cohesion for colt climate:

Cohesion modulus at -30 °C : NPD

Adhesion / cohesion failure at -30 °C : NPD

Durability against aging

Change of tensile strength : < 20 %

Adhesion / Cohesion failure : none

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