



SABA Sealer MB

2-c self-levelling high chemical resistant sealant

Description

SABA Sealer MB is a 2-component, self-levelling, high chemical resistant, permanently elastic sealant polysulphide-based (approx. 60%) for sealing horizontal joints in paving surfaces and/or for applications.

Field of application

SABA Sealer MB is especially suited for sealing horizontal joints of paving surfaces in (prefab) elements, such as:

- parking facilities
- roads and motorways
- airports
- harbours
- petrol stations
- chemical plants
- emergency reservoirs
- industrial floors
- stadiums

Advantages

- permanently elastic
- resistant to motor fuels such as petrol, diesel, kerosene and LPG (see summary on next page)
- resistant to defined solvents and chemicals (see summary on next page)
- contains no solvents
- UV-stable
- durable, reference period of 25 years
- resistant to extreme climate/weather conditions
- CE mark on basis of EN 14188-2, class A-D and ETA-07/0124

Method of use

For more information about the method of use and pre-treatment, see the relevant SABA info sheets and pre-treatment tables.

Technical data

	Part A	Part B
Base	polysulphide	anorganic peroxide
Density (EN 542)	approx. 1.330 kg/m ³ (black) / ca. 1.460 kg/m ³ (grey)	approx. 1.620 kg/m ³
Solids content	approx. 100%	approx. 100%
Pot life (23 °C, 50% RLV)	approx. 2 hour	
Curing time (23 °C, 50% RLV)	approx. 18 hour	
Hardness Shore A (EN ISO 868)	approx. 25	
Loss of volume (EN ISO 10563)	< 2%	
Max. permissible deformation (ISO 11600)	approx. 25%	
Modulus at 100% elongation (EN ISO 8339)	approx. 0,3 N/mm ²	
Tensile strength (Fmax) (EN ISO 8339)	approx. 0,6 N/mm ²	
Elongation at break (EN ISO 8339)	approx. 350%	
Elastic recovery (EN ISO 7389)	approx. 90%	
Working temperature	min. + 5 °C to max. + 35 °C	
Storage temperature	min. + 5 °C to max. + 25 °C	
Temperature resistance	min. - 40 °C to max. + 120 °C	

Order information

Packaging	set (A + B component)			
Contents	2,5 litres (contains 4 items)	7,5 litres (contains 1 items)	15 litres (contains 1 item)	20 litres (contains 1 item)
Colour	black			
Article no.	100280 ABG	100280 ADG	100280 AFQ	100280 ABH
Shelf life	18 months (in unopened packaging)			

Packaging	set (A + B component)			
Contents	2,5 litres	7,5 litres	15 litres	20 litres
Colour	grey			
Article no.	100281 ABG	100281 ADG	100281 AFQ	100281 ABH
Shelf life	18 months (in unopened packaging)			

Other packaging on request. The shelf life may vary for large packaging.

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.

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Safety recommendations

For more information about safety, see the relevant SABA Safety Data Sheet.

Other information

1. Certification

- ETA-07/0124 for the liquid-proof sealing of surfaces for storing, packaging and filling of environmentally hazardous substances.

SABA Sealer MB was tested by the KIWA Polymer Institute and meets the FS S-SS 200^E specification for application to airports.

2. Chemical resistance

Meets the requirements of EN 14188-2 for the following groups:

LC1	Gasoline for spark ignition engines, super and normal (according to EN 228:2004-03) with a maximum of 5 percent by volume of bio-alcohol
LC1a	Gasoline for spark ignition engines, super and normal (according to EN 228:2004-03) with a maximum of 20 percent by volume of bio-alcohol
LC2	Aviation fuel
LC3	Fuel oil EL (DIN 51603-1), unused combustion motor oil, unused automotive transmission oil, mixture of saturated and aromatic, hydrocarbons with an aromatic, content ≤ 20 wt% and a flash point $> 55^{\circ}\text{C}$
LC3a	Diesel fuel (according to EN 590) with a maximum of 5 percent by volume of biodiesel
LC3b	Diesel fuel (according to EN 590) with a maximum of 20 percent by volume of biodiesel
LC4	All hydrocarbons as well as mixtures containing benzene with max. 5 vol.% benzene
LC4a	Benzene and benzene containing mixtures (incl. 4)
LC4b	Crude oils
LC4c	Used combustion motor oil and used automotive transmission oil with a flash point $> 55^{\circ}\text{C}$
LC5	Mono- and polyfunctional alcohols (up to a maximum of 48 vol.% methanol), glycol ethers
LC5a	All alcohols and glycol ethers
LC5b	Single and polyfunctional alcohols
LC7	All organic esters and ketones
LC7a	Aromatic esters and ketones
LC7b	Biodiesel
LC8	Aqueous solutions of aliphatic aldehydes up to 40%
LC8a	Aliphatic aldehydes and their aqueous solutions
LC9	Aqueous solutions of organic acids (carboxylic) up to 10% as well their salts
LC10	Mineral acids up to 20% as well as acidic hydrolyzed inorganic salts in aqueous solution ($\text{pH} < 6$), except for hydrofluoric acids and acids with an oxidizing effect and their salts
LC11	Inorganic alkalis as well as alkaline, hydrolyzed inorganic salts in aqueous solution ($\text{pH} > 8$), except for ammonium solutions and solutions of salts with an oxidizing effect (e.g. hypochlorite)
LC12	Aqueous solutions of inorganic non-oxidizing salts with a pH-value between 6 and 8
-	Skydrol
LC13	Amines and their salts (in aqueous solution)
-	Adblue, max. 35% urea in aqueous solution
-	Fuel E85, a fuel blend of 85 percent bio-ethanol and 15 percent gasoline

More information about specific chemicals or groups of chemicals on request.



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