Sealer Field

SABA, a strong bond

Solvent-based adhesives

MSP sealants

Water-based adhesives

Silicone sealants

Foam coating

Hotmelts

Epoxy products

PU products

Polysulfide products

Primers

Cleaning agents

Description

SABA Sealer Field is a two component, self levelling, elastic joint filler, based on Polysulfid Polymer. SABA Sealer Field is specially used for sealing of joints at environmental protection at air fields, road constructions, parking floors.

Special properties

- Moderate resistant to motor fuels
- Moderate resistant to solvents and chemicals
- No solvents
- Jet blast resistant
- Resistant to fuels for airplanes like kerosene

Certification directives

- European Technical Approval (ETA-07/0050)
- Polymer Institute in Florsheim-Wicker, report nr. P2159-2 Prufbericht
- KOMO product certificate K 21553/01 of KIWA in Rijswijk, Holland
- Apply with testing method BRL 2825
- Certification for US Federal Specification SS-S-200E
- CE hallmark according EN14188-2, class A, B, C and D

Method of use

Mixing ratio, 6 % (w/w) part B added on 100 % (w/w) part A
See also instructions VT2008 and system descriptions

Technical details

		Part A	Part B
Basis	:	polysulfide polymer	anorganic peroxide
Colour	:	black and gray	brown/grey
Consistency	:	13-22 Pa.s	20-45 Pa.s
Density , approx.	:	1730 kg/m^3	1745 kg/m^3
Solids content	:	100 %	100 %
Open time	:	1 hour depends on temp. and air humidity	
Curing time	:	24–48 hours depends on temp. and air humidity	
Hardness [Shore A] DIN53505	:	approx. 20 to 25 ^{o}	
Max. allowable deformation	:	25% of the joint width	
Module at 100% elongation	:	0.21 N/mm^2	
Elongation at break approx.	:	300%	
Tensile strength	:	0.5 N/mm^2	
Recovery	:	>80 %	
Shrinkage	:	<3%	
Work temperature	:	Minimum +5^{o}C	
Storage temperature	:	Minimum +5^{o}C, maximum 35°C	
Temperature resistance	:	From –50^{o}C to +120^{o}C	
Shelf life	:	18 months in unopened packing	

Order information

Colour	**Black**	**Black**	**Grey**	**Grey**
Packing	set	drum	set	drum
Contents	2.5 and 7.5 litter	60 and 175 litter	2.5 and 7.5 litter	60 and 175 litter

Article nr.	100393	100393	100394	100394

Safety indications

See the corresponding material safety data sheet

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Version number: 200510

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CE 05

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Sealer Field.
Cold applied 2 component joint sealant on poly sulphide base.
Self levelling.
Comply to CE regulations according EN14188-2 class A,B,C and D

CE measurement according to EN 14188-2

Bonding strength:

Bonding modulus at –20 °C	: ca. 0,44 N/mm²
Adhesion / cohesion failure at –20 °C	: none
Cohesion:	
Cohesion modulus at –20 °C	: ca. 0,39 N/mm²
Adhesion / cohesion failure at –20 °C	: none
Cohesion modulus at +23 °C	: ca. 0,21 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 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 (Black only)
LC5a: all alcohols and glycol ethers
LC9: aqueous solutions of organic acids up to 10% and their salts
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
More information about specific chemicals or groups of chemicals on request

Durability against aging

Change of tensilte strength	: < 20 %
Adhesion / Cohesion failure	: none

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