

SABA Ecoseal Bio HM

sealing joints with heavy mechanical and/or microbiologically loads

Description

SABA Ecoseal Bio HM is a 1-component, elastic, humidity-curing, MS Polymer-based sealant for sealing joints with heavy mechanical loads and/or that are microbiologically exposed.

Field of application

SABA Ecoseal Bio HM is especially suited for sealing joints that are microbiologically exposed, such as composting processes, drinking water, (sewage) purification water and/or joints that are exposed to heavy mechanical loads in:

- prefab concrete slabs
- prefab concrete floors
- concrete overflows
- walkways
- basins
- composting installations
- quay walls
- segmented bolted and fixed tanks & silos

Advantages

- resistant to faeces and manure
- resistant to defined water pressure (for more information please ask SABA for advice)
- freshwater- and seawater-proof
- UV-stable
- contains no solvents, isocyanates and silicones
- very suitable for use in bridge joints
- CE mark on the basis of EN 15651-4, Type PW 25HM INT-EXT
- certification: ISEGA (in connection with HACCP), Atest PZH, grey variant is approved for drinking water purposes; WRAS (BS 6920)



Method of use

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

Technical data

Basis	MS polymers, humidity-curing
Density (EN 542)	approx. 1,400 kg/m ³
Solids content	approx. 100%
Skin time (23 °C, 50% RLV)	approx. 15 minutes
Cure rate (23 °C, 50% RLV)	approx. 3 mm/24 hours
Hardness Shore A (EN ISO 868)	approx. 55
Loss of volume (EN ISO 10563)	< 5%
Max. permissible deformation (ISO 11600)	approx. 25%
Modulus at 100% elongation (ISO 37/DIN 53504)	approx. 1.3 N/mm ²
Tensile strength (Fmax) (ISO 37/DIN 53504)	approx. 2.6 N/mm ²
Elongation at break (ISO 37/DIN 53504)	approx. 330%
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. + 100 °C

Order information

Packaging	sausage	
Contents	600 ml (contains 15 items)	
Colour	grey (similar to RAL 7004)	black (similar to RAL 9011)
Article no.	100203 DBY	100862 DIB
Shelf life	15 months (in unopened packaging)	

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

Safety recommendations

For more information about safety, see the relevant SABA safety data sheets.



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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.