



Sealatex[®] PLUS

Liquid polymer-bituminous membrane for sealing details of building elements in combination with the AquaSlab[®] and AquaThene[®] membranes

- one-component, ready to use
- high flexibility and deformability
- excellent adhesion and waterproofing properties
- is part of the AquaSlab[®] and AquaThene[®] system
- for vertical and horizontal surfaces
- crack-bridging ability up to 5 mm
- resistant to UV and aging processes
- cold-applied
- solvent-free and environmentally friendly
- radon resistant
- resistant to high and low temperatures

Product description

Sealatex PLUS is a one-component, solvent-free polymer-bitumen membrane, designed for cold application. After curing, it creates a waterproof, elastic coating resistant to external factors. Meets the requirements of EN 15814.

Intended use

Sealatex PLUS is intended for sealing details, as a supplement to the insulation made of **AquaSlab** and **AquaThene** waterproofing membranes. **Sealatex PLUS**, after curing, creates a highly elastic, waterproof coating, resistant to UV and other external factors. Typical details that can be sealed with the **Sealatex PLUS** emulsion are the edges of the membrane insulation, passages through holes, pipe penetrations, band-irons, anchorages, etc. **Sealatex PLUS** can be used on all kinds of mineral substrates, such as concrete, cellular concrete, walls made of bricks or concrete blocks, plasters, screeds as well as wood, metal, plastics, and bituminous coatings.

Preparation of the substrate

The substrate should be durable, stable, frost-free, even, smooth, without scratches and cracks. The surface should be free of oil, tar, release agents, mortar residues, coatings, dust, rust and other substances that reduce adhesion. **Sealatex PLUS** may only be applied to dry or slightly damp substrates. During application works, the presence of water between the substrate and the liquid membrane is not allowed.

Application

Sealatex PLUS is ready to use and can be applied directly from the bucket with a spatula, brush or roller, in layers from 2 to 3 mm in one work cycle.

One layer of emulsion is enough to seal the ends of the insulation made of **AquaSlab** and **AquaThene** membranes. Other types of seals require two or three layers of **Sealatex PLUS**. Apply the next layer after the previous layer is dry. The packaging with the product residues, should be carefully closed; the product can be reused.



Recommendations

The drying time depends on the environmental conditions and the substrate. The drying time is longer in case of damp surfaces. Do not apply to hot, sunny surfaces. Do not use on a damp substrate when the ambient temperature is below +5 °C, during rain or snowfall. When applying to larger surfaces, it is recommended to use a glass fiber mesh.

Clean tools with water before drying; dried residues can only be removed mechanically.

Package

Plastic bucket 10 kg.

Shelflife and storage

12 months in originally closed packaging, in dry places, at plus temperatures. Protect against frost and direct sunlight.

Industrial safety

Standard precautions for handling chemicals should be observed when using the product. Avoid contact with skin, protect eyes: wear goggles and rubber protective gloves. More information in the product safety data sheet.

PROPERTIES ACCORDING TO EN 15814 STANDARD	STANDARD NO.	Sealatech PLUS
watertightness	EN 15820	class W2A
crack bridging ability	EN 15812	class CB2
water resistance	EN 15817	no colouration of the water, no debonding from inlay
flexibility at low temperatures	EN 15813	no cracks
dimensional stability at high temperatures	EN 15818	no sliding or draining down
reaction to fire	EN 13501-1	class E
resistance to compression	EN 15815	class C2A
durability of watertightness and reaction to fire		pass
OTHER PROPERTIES		
appearance		thick, brown-black paste; black after hardening
density		1,2 kg/l
material shrinkage		38 %
full hardening / resistance *		24 h
rain resistance *		8 h
consumption **		1,5-2,0 kg/m ² (for a layer thickness of 1 mm)
elongation at break		> 700 %
dimensional stability		up to 180 °C
application temperature ***		+5 °C do +30 °C
watertightness		7 bar
skin formation		30 min / temp.+20 °C

* Depending on the humidity, temperature, layer thickness and substrate thickness, these values may vary considerably. The determined values refer to the temperature of +23 °C and the relative humidity of 50%.

** The stated consumption values are minimum values depending on the method of use. These may increase due to the user's executive skills.

*** Element, installation and ambient temperature. For applications at other temperatures, please contact the manufacturer.

The data contained in this technical data sheet are based on our experience and research, and constitute general information about the product and recommendations for application under standard conditions. The manufacturer guarantees the quality of the product, but has no influence on the conditions and manner of its use. In case of doubt, please contact us or make your own tests. With the appearance of this technical data sheet, the previous ones will no longer be valid

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