

Technical data sheet



OMEGA PoBit Sealing Compound

A ready to use one-part water based elastic bitumen seal. OMEGA PoBit is particularly suitable for seamless sealing work at critical spots in the window and door areas, as second water-bearing level below window sills, at penetration points and as sealant for bases outdoors. OMEGA PoBit can also be used in the waterproofing of buildings in the relevant areas stated in ÖNORM B 3691 and ÖNORM B 3692. OMEGA PoBit Sealing Compound bonds on many substrates, such as wood, concrete, aerated concrete, metal, plaster, polyester, gypsum materials, pre-treated bitumen sheets and rigid foam sheets (EPX, XPS, PUR).

Advantages

- permanently elastic
- one-component
- free from solvents
- water-proof
- seamless and jointless sealing
- bonds on almost all substrates
- can be painted and plastered over
- temperature-resistant
- uv-resistant
- flame-proof

Field of application

- in the base area of wooden structures
- construction waterproofing
- 2nd water-bearing level below window sills
- material combinations
- solid wood elements
- exterior wall areas
- penetration points
- ETAG 005
- EN 15814

Recommended products

	OMEGA PoBit Hardening Accelerator
	OMEGA PLASTO Tape
	OMEGA PoBit Reinforcement Tape

Available dimensions

Article number	Packing unit	Content - kg
30MDMS	Bucket	10 kg

Technical data

sd-value	approx. 50 m with 2 mm layer thickness m	Material composition	One-component water-based elastomer bitumen sealant
Working temperature	5-35 °C	Gross density	1.5 (± 0,05) kg/l
Flash-off time	6 hours (touch-dry); completely dry after 4 days	Coverage	1,5 kg/m ² x mm thickness of layer Average coverage for two layers without reinforcement tape 2.2kg/m ² , with reinforcement tape approx. 3.3kg/m ²
Thickness of coating	at least 1.5 mm, depending on the area of application and standard specifications	Colour	Black
UV-resistance	permanent	Consistency	paste-like
Storage	Unopened 12 months, dry and frost-free		

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Preparation of substrate:

The substrate must be dry, frost-free, absolutely clean and free from dust, oil, grease, peeling surfaces or areas with poor adhesion, remains of lime, plaster or colour. Check suitability of any slope and residual moisture of substrate.

Sealing with OMEGA PoBit Sealing Compound:

Apply OMEGA PoBit sealing paste with a spatula, brush or roller to a thickness of approximately 1 mm and press firmly to achieve the best possible adhesion to the substrate. The reinforcement tape is applied to the first layer while it is still moist. Tape overlaps must be at least 5 cm. The second coat can be made fresh on fresh if the first layer is reinforced, otherwise on the next day. The minimum thickness of the layers required by ÖNORM or DIN, depending on the area of application, must be observed. For sealing measures in accordance with ÖNORM B 3692, OMEGA PoBit reinforcement tape must be used and a minimum layer thickness of 2 mm must be applied. When applying with a trowel, an even result is achieved using a notched trowel with 4-6 mm tooth spacing. Draw the smooth side across the surface to obtain a uniform thickness of about 2 mm.

Reinforcement

OMEGA PoBit sealing paste can be used as a single-layer coating on OMEGA PLASTO to increase UV resistance without reinforcement tape. Without a bonding bridge/decoupling with OMEGA PLASTO or for waterproofing in accordance with DIN/ÖNORM, reinforcement tape must always be inserted across the entire surface and at vertical wall connections (overlaps of at least 5 cm).

Processing temperature

The ideal processing temperature is +5 °C to +35 °C. At temperatures below +10 °C the OMEGA PoBit Hardening Accelerator should be used to shorten the drying time. The OMEGA PoBit curing accelerator is pre-measured and sufficient for the 10 kg bucket. Careful mixing is required. If necessary, mix only small quantities.

Primer

BUBI LF Primer is to be used on crumbling concrete, plaster and masonry substrates. The BUBI LF Primer also firms up old plaster and increases its compaction. The surfaces to be treated must be clean, dry and free from loose material. The minimum processing temperature of BUBI LF Primer is +5 °C. Coated bitumen membranes (PE-coating, sanding, talc coating) must be pre-treated (e.g. flame treatment) in order to achieve a direct bonding layer with the bitumen.

