



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 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	Min. thickness 1.5mm without PoBit reinforcement tape Max. thickness 3mm with PoBit reinforcement tape	Colour	Black
UV-resistance	permanent	Consistency	paste-like
Storage	Unopened 12 months, dry and frost-free		

OMEGA PoBit Sealing Compound

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:

OMEGA PoBit Sealing Compound is applied using a hand scraper, paintbrush or roller to apply an approx. 1 mm thick layer and pressing this on firmly in order to obtain 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 10 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, depending on the area of application, must be observed. When sealing in the base area of a building according to ÖNORM B 3662 OMEGA PoBit Reinforcement Tape should be used with a minimum layer thickness of 2 mm.

REINFORCEMENT

Vertical wall connections and component joints must always be reinforced. OMEGA PoBit joint tape should also be used for areas larger than 10 m² or for loaded substrates. 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.

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 Hardening Accelerator is ready dosed and is mixed into the 10 kg bucket. Careful and thorough mixing is necessary.

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.

