



# 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).

## 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

## 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

## RECOMMENDED ACCESSORIES

OMEGA PoBit hardening accelerator

OMEGA PoBit primer

## AVAILABLE IN THE FOLLOWING SIZES

Container	10 kg
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## PRODUCT DATA

Composition	one-component water-based elastomer bitumen sealant
Consistency	paste-like
Coverage	1,5 kg/m <sup>2</sup> x mm thickness of layer Average coverage for two layers without reinforcement tape, 2.2kg/m <sup>2</sup> , with reinforcement tape approx. 3.3kg/m <sup>2</sup>
Gross density	1,5 kg/l (±0,05)
Thickness of layer	Min. thickness 1.5mm without PoBit reinforcement tape Max. thickness 3mm with PoBit reinforcement tape
Working temperature	+5 - +35 °C
SD value	approx. 50 m with 2 mm layer thickness
Drying time (touch-dry)	6 hours; completely dry after 4 days
UV-resistance	permanent
Storage	unopened 12 months, dry and frost-free
Colour	black

## OMEGA POBIT REINFORCEMENT TAPE

Material	Reinforcement of 100% polypropylene fabric
Roll width	15 cm
Roll length	50 m
Weight	110 g/m <sup>2</sup>
Carton contents	18 rolls

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# PROCESSING GUIDELINES

## 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. 1mm thick layer and pressing this on firmly in order to obtain the best possible adhesion to the substrate. After hardening and removal of condensation apply a further layer of OMEGA PoBit Sealing Compound to get a continuous and uniform layer of about 1.5 – 3 mm.

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.

The reinforcement tape is applied to the first layer while it is still moist. Tape overlaps must be 10cm. The second coat can be made fresh on fresh if the first layer is reinforced, otherwise on the next day.

Vertical wall joints and gaps between building components must always be reinforced. OMEGA PoBit Reinforcement Tape must also be used for areas larger than 10m<sup>2</sup> or substrates that will be under pressure.

When applied by scraper a uniform result can be achieved using a toothed spatula with distance 4-6mm between teeth. Re-trace using the smooth side to get a consistent thickness of approx. 2mm.

The ideal processing temperature is +5 °C to +35 °C. At temperatures below +10 °C the Omega PoBit drying 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.

Omega PoBit primer is to be used on crumbling concrete, plaster and masonry substrates. The Omega 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 Omega PoBit primer is +5 °C.



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