

## TECHNICAL DATASHEET

# PENOSIL Premium BetPrimer

An adhesion substrate primer for treating porous surfaces and to improve wearing resistance, both indoors and outdoors, before applying putty, tiling, screed mixtures for cement systems and floor substrates and covering with wallpaper, paint, hydro-insulation mastics or some other finishing material. For strengthening plastered surfaces. Will ensure superior bonding with substrate, protection against water and alkaline substances.

### Field of application

Substrates: concrete, mortar, brick, natural rock, wooden materials, polymeric materials (paint coat, linoleum, polymeric coverings) etc.

Diluted with water is suitable for strengthening of frail surfaces (e.g. lime surfaces).

### Application conditions

Air temperature during use +10 °C to +30 °C.

Maximum relative humidity of the surface: wood 8-12% and concrete <80%.

### Application instructions

The substrate should be clean, dry and free of dust.

Product is applied on the substrate with a cleaning brush or a paintbrush in two coatings.

**Floors:** Primer diluted with water 1:5 up to 1:20 (dispersion : water). For example, for priming floors before applying screed mixtures, at the ratio of 1:3 to 1:5; layers of concrete, manually squared floor screed mixtures for strengthening and enhancing wearing resistance at the ratio of 1:5 to 1:20; for strengthening concrete floors at the ratio of 1:5 to 1:10.

Concrete or screed mixture may be applied immediately on top of a moist adhesion substrate. Allow the primer to dry for 2 hours before covering for ceramic tiles, non-absorbent surfaces and substrates that contain traces of old glue.

In case of parquet glued to substrate and floor heating system, all concrete floors must be sanded to clean them completely of any bleeding and other substances that may prevent bonding (e.g. traces of old glue). Only levelled areas will be primed.

**Walls and ceilings:** Primer diluted with water 1:5 up to 1:20 (dispersion : water). E.g. strengthening plaster at the ratio of 1:5 to 1:20; improving the adhesion of cement-based grout: 1.5mm – 1:5 and 5-20mm – 1:10; for strengthening weak surfaces at the ratio of 1:15 to 1:20.

Use undiluted concentrate in case of non-absorbent substrate.

Apply PENOSIL Premium BetPrimer to the treated surface as a thin, uniform layer; there must be no puddles of adhesion substrate. Coverage depending on the substrate 3-10 m<sup>2</sup>/l.

### Cleaning

Clean the hands and tools with water.

### Technical data

Characteristics	Unit	Value
Drying time	hours	1-3
Density	g/cm <sup>3</sup>	1,04
pH		8

The parameters indicated have been measured at 23°C and 50% relative air humidity.

## **Colour**

Milky liquid.

## **Package**

1L plastic bottle  
3L, 10L, 25L plastic canister

## **Storage conditions**

Guaranteed storage time 24 months starting from the date of manufacture if stored in a closed original package in a dry place between +5 °C and +30 °C, avoid freezing.

## **Safety regulations**

Keep out of the reach of children. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with water and seek medical advice.

Detailed safety information is available on safety data sheet (SDS).