

TECHNICAL DATA SHEET

PENOSIL HydroStop 644

Waterproofing sealer for indoor use to prevent moisture from permeating building structures.

- Paintable.
- Water based.
- Does not smell.
- Does not emit harmful compounds.

Fields of application

- Used in damp and wet rooms for the protection of walls and ceilings against dampness before installing ceramic tiles or other materials.
- The protected substrate can be gypsum board, concrete, plaster or a brick wall.

Adhering

- Concrete
- Brick
- Plastered surfaces
- Gypsum board
- Construction boards

Application instructions

Application conditions

During application, the air temperature and the temperature of both the treated surface and the PENOSIL HydroStop 644 should be at least +10°C, the relative humidity below 80%.

Surface preparation

The surfaces must be dry, clean from dust, loose particles and oil.

Application method

Applied on the surface using a paint roll or a brush. Product is applied on the substrate in two coating. First coating: diluted with water in the ratio 1:1. When 30 minutes have passed or when the surface has dried, apply the second coating. Second coating: Undiluted. Ceramic tiles are applied in approx. 4 hours, when the layer of the moisture barrier has dried. Coverage 0,15 l/m², with porous surfaces 0,3 l/m².

Cleaning

Clean the uncured product with water or use PENOSIL Cleaning Wipes. Cured product should be removed mechanically.

Technical data

Properties	Value	Unit
pH	7-8	
Density (DIN 53 217)	1,03	g/cm ³
Curing time	4	hours

The values specified were obtained at +23 °C and 50% relative humidity, unless otherwise specified. These values may vary depending on environmental factors such as temperature, moisture and type of substrates.

Colour

Pink.

Package

- 1 L plastic bottle
- 3 L plastic canister
- 10 L plastic canister

Storage conditions and shelf life

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.

Limitations

- Not to be used to block soil moisture, in wet premises or on surfaces that remain submerged under water or as an additive of cement mixes.

Safety regulations

Ensure sufficient ventilation during application and wear necessary personal protective equipment. More specific safety information is available on the safety data sheet (SDS).

Note: The instructions in the present documentation are based on tests carried out by the manufacturer and are presented in good faith. Due to variations in materials and substrates as well as the various application possibilities that are beyond our control, the manufacturer is not liable for the results achieved. In any case, it is recommended to test the product suitability at the place of application. Manufacturer reserves the right to modify products without prior notice. This TDS replaces and supersedes all previous data sheets on the same product.