

TECHNICAL DATASHEET

PENOSIL Premium DustProofer

PENOSIL Premium DustProofer is a solution that chemically strengthens the surface of concrete and makes it dust-repellent. PENOSIL Premium DustProofer increases the wear resistance of concrete floors, makes them dust-repellent and resistant to the effect of chemicals.

Treating a surface with this agent gives the following benefits:

- Dust-repellent
- Wear resistant
- Oil resistant
- Water resistant
- Resistant to effect of chemicals (alkalis and acids)
- Reacts with concrete, thereby rendering the top layer evenly sealed
- Preserves the breathability of concrete

Fields of applications

Used for impregnating the floors of car parks, storage and industrial buildings as well as garages. Also used to protect staircases, bridges and other concrete surfaces both indoor and outdoor.

Application conditions

Before impregnation, freshly built concrete surfaces should be left to harden for 21 day (+23 °C, 50% RH). PENOSIL Premium DustProofer is not suitable for strengthening natural surfaces (limestone, sandstone).

Application instructions

The surface is cleaned and dust is removed with a vacuum cleaner. To achieve the best results, it is recommended to finish the concrete surface beforehand!

The surface is treated in three stages:

1. Mix 1 part of the solution with 2 parts of water (1:2) and apply to the concrete surface using a soft brush. The solution must be applied to the surface generously to enable its deepest possible penetration into the concrete. Let the surface dry for 40–60 min. and then remove the superfluous solution with a cloth.
2. Mix the solution with water 1:1 and apply to the concrete surface as previously. Let the surface dry for 40–60 min. and then remove the superfluous solution.
3. Mix 2 parts of the solution with 1 part of water (2:1) and apply the mix to the concrete surface as in the previous stages. Let the surface dry for 40–60 min. and then remove the superfluous solution. Full cure is 24 hours.

To prevent slops remaining on the surface, it is especially important to remove all solution that has not penetrated into the surface. Otherwise, spots may appear on the surface.

If white active substance seeps from the concrete after coating, Step 3 needs to be repeated to remove any blotches. NB! The three stages of surface treatment must be performed one after another as described above.

When treating the surface in three stages, the product consumption is up to 0,5 l/m².

Treated surface has to cure at least 24 hours before use.

Cleaning

Remove the stains immediately with detergent and water. The film formed by the dried product can only be removed mechanically.

Technical data

Properties	Unit	Value
Density	g/cm ³	1,2
pH		10-11
Solvent		water
Curing time	h	24

The parameters indicated have been measured at +23 °C and 50% relative air humidity, if not specified otherwise.

Colour

Transparent liquid.

Package

5 L, 10 L, 20 L metal containers.
1000 L container.

Storage

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.

Safety requirements

Irritating to eyes, respiratory system and skin. Risk of serious damage to eyes. Keep out of the reach of children. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves and eye/face protection. If swallowed, seek medical advice immediately and show this container or label.

The leftovers of the product must be disposed of according to the local legislation. Empty containers must be brought to a package collection facility.

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