

PE 201

Penetration



Depth reinforcement penetration for less cohesive absorbent bases

APPLICATION:

For depth reinforcement and reduction of water absorption of porous and weathered mineral bases in exteriors and interiors before their tiling with ceramic wall tiles or floor tiles using cement adhesives, and before application of stoppers and water-proofing coatings. It reduces and unifies the suction capacity of the base, and increases its cohesion. In this way, it ensures the sufficient open time of adhesives, and their adhesion to base structures. This product is suitable for gypsum plasterboards.

COMPOSITION:

Solvent-free water-based dispersion of polymer-silica binder.

TECHNICAL PARAMETERS:

Ph value	7-8
Solubility in water	fully miscible
Approximate coverage – depending on the type and suction capacity of base*)	0.15-0.25 l/m ²

*) It is recommend to determine the exact coverage on a test surface.

BASE PREPARATION:

The base must be dry, free of dust, free of loose particles, and free of film-forming agents with the effect of separation (such as release lube). Depending on the type of surface, the whole area of contaminated and dust-containing bases should be washed, brushed, or sprayed with pressurised water. After cleaning with water, allow the surface to dry thoroughly.

PROCESSING:

After thorough mixing, the penetration should be applied **undiluted** using the brush, roller, or spraying equipment to saturate the base, and allowed to dry. Possible dilution: 1 : 1 with water only during the first application of double penetration of highly absorbent bases. Prior to starting subsequent work, it must be ensured that the area to be penetrated is sufficiently dry. Under normal conditions (20°C, 65% of air relative humidity), **the drying time is approx. 12 hours**, lower temperatures and higher humidity prolong the time of drying. Working tools need to be thoroughly cleaned with water after use.

CAUTION:

- Related civil engineering structures should be carefully covered and protected from splashes.
- Mix the penetration well before processing.
- It is inadmissible to add additional binders and other additives.
- The material can be processed only under air and base temperature ranging from +5°C to +30°C! Do not apply if frost conditions are expected!
- Leave the unused residues to air harden (dry), and dispose of them, together with contaminated containers, in a controlled landfill (see the Safety Data Sheet).
- Only completely emptied and clean packaging may be handed over to recycling.

FIRST AID, SAFETY AND HYGIENE REGULATIONS:

See the product Safety Data Sheet.

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STORAGE:

Do not freeze! Store at a temperature ranging from +5°C to +30°C. The minimum storage time is 12 months, if the product is stored in the originally closed containers. The expiration date is specified on the packaging.

SHIPPING:

The penetration is supplied in 10 l plastic containers, or on pallets wrapped in foils.

QUALITY:

- The product quality is regularly checked in the manufacturer's laboratories.
- The production control system is used in manufacture, and a certified quality management system, according to ISO 9001, is applied.
- Continuous surveillance and proving the conformity of products (if necessary) is ensured by TZÚS Prague, Authorised Body 204.

DISTRIBUTOR:

LASSELSBERGER, s.r.o., Adelova 2549/1, 320 00 Pilsen – Jižní Předměstí

VALIDITY:

Since 1 March 2015

We reserve the right to make any changes that are the result of technical progress. This issue cancels and supersedes all previous issues.