

PE 202

Penetration



Penetration for absorbent bases

APPLICATION:

At prescribed concentrations, this product is intended for the penetration and closure of surfaces of base building materials before application of cement adhesives, combined anhydrite and cement screeds, levelling and self-levelling materials in internal and external environments.

It reduces water absorption, and solidifies the base surface, and it improves flowing properties of self-levelling materials, and increases their adhesion to the base.

COMPOSITION:

Solvent-free, water-soluble polymer dispersion, containing mineral additives.

TECHNICAL PARAMETERS:

Ph value	8-9
Solubility in water	fully miscible
Approximate coverage – depending on the type of base and dilution *)	0.15-0.35 l/m ²

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

BASE PREPARATION:

The base must be dry, solid, free of dust and loose particles, and free of separation layers (such as release lube). Before performing subsequent work, the penetrated base must be sufficiently dry and tack free.

PROCESSING:

The penetration should be applied uniformly on the base, using a brush, or roller. The subsequent penetration should always be performed when the previous penetration is dry.

Drying time under normal conditions: **60-120 minutes** – according to concentration.

Penetration under cement adhesives, cement screeds, and waterproofing coating materials		
Base type	Dilution – number of coatings	Usage of concentrated penetration
Highly absorbing (lightweight concrete)	PE 202 : H ₂ O one coating 1 : 1	0.25 l/m ²
Medium absorbing (normally polished concrete, anhydrite)	PE 202 : H ₂ O one coating 1 : 2	0.20 l/m ²
Low absorbing (mechanically polished concrete)	PE 202 : H ₂ O one coating 1 : 3	0.15 l/m ²

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Tax ID number CZ25238078

The company is registered in the Companies Register, administered by the Regional Court in Plzeň, Section C, File 22719

Penetration under levelling and self-levelling stoppers			
Base type	Dilution – number of coatings	Usage of concentrated penetration	
Highly absorbing (lightweight concrete)	PE 202 : H ₂ O 1st coating 1 : 5; 2nd and 3rd coating 1 : 3	PE 202 :	0.35 l/m ²
Medium absorbing (normally polished concrete, anhydrite)	PE 202 : H ₂ O 1st coating 1 : 5; 2nd coating 1 : 3	PE 202 :	0.25 l/m ²
Low absorbing (mechanically polished concrete)	PE 202 : H ₂ O one coating 1 : 3	PE 202 :	0.15 l/m ²

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!
- Wash used working tools thoroughly with water.
- 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.

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 5 and 10 l plastic containers, and in 1 litre plastic boxes, 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 TZUS Prague, Authorised Body 204.

DISTRIBUTOR:

LASSELSBERGER, s.r.o., Adolova 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.

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