WBPR-21P Deep Primer

Technical data

Basis	Synthetic dispersion
Consistency	Fluid
Curing system	Physical drying
Density	Ca. 1,01 g/ml
Viscosity (Brookfield)	20 mPa.s → 30 mPa.s
Total solid content	Ca. 20 %
Drying time at 23°C and 50% R.H. (*)	15 - 30 minutes for cemented surfaces and Soudal self-levelling compound VE-50 30 - 60 minutes on slightly porous surfaces Ca. 12 to 24 hours on calcium sulfate (anhydrite) surfaces
Consumption (*)	100 - 200 ml/m², depending on the porosity of the surface and the tools used
Temperature resistance**	0 °C → 50 °C
Application temperature	15 °C → 25 °C

* These values may vary depending on environmental factors such as temperature, moisture, and type of substrates. ** This information relates to fully cured product.

Product description

WBPR-21P Deep Primer is a solvent-free primer to improve surface adhesion strength. WBPR-21P Deep Primer only cures by evaporation of present water. Because of the very small particles of which the primer consists and its very low viscosity, the filling capacity is many times higher compared to other primers. WBPR-21P Deep Primer penetrates completely into the surface and substantially improves the cohesive strength of the threated surface.

Properties

- Ready for use
- Low consumption/m²
- Solvent free
- Very easy to apply
- Short drying time
- Strengthens sub-floor
- Binds residue
- Reduces surface porosity of mortar/plaster
- Suitable for Interior applications
- White when extruded, transparent after curing

Applications

- WBPR-21P Deep Primer is a solvent-free primer for treatment of sandy or powdery (highly) absorbing mineral subfloors such as cement bounded subfloors, concrete, calcium-sulphate bounded (anhydrite)- and levelled subfloors.
- WBPR-21P Deep Primer is also suitable for preliminary treatment of sandy or powdery (highly-) absorbing mineral subfloors in conjunction with Soudal VE-50.

Packaging

Colour: White
Packaging: 5 L

Shelf life

12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C.

Substrates

Nature: Surfaces should be dry, level, solid and free of dust, residues of previously used adhesives, grease and oils.
Surface preparation: Irregularities such as old

adhesive residues etc. can affect the adhesion. This should preferably be removed mechanically eg by. sanding or blasting. Surfaces of concrete surfaces that are not sturdy enough should preferably be removed. Old calcium sulfate (anhydrite) surfaces need to be sanded and vacuumed before applying WBPR-21P Deep Primer.
We recommend a preliminary adhesion test on any substrate.

Application method
WBPR-21P Deep Primer should be acclimatised to room temperature before installation. Shake or stir well before use. Apply the primer evenly and undiluted using a lambskin foam roller or a brush from the bucket to the surface. Do not pour the primer onto the subfloor to prevent puddles. In case of very porous and strong subfloors, a second layer of primer is recommended. Apply the second layer only after the first layer is completely dry. WBPR-21P Deep Primer must be dried out before further treatments on the subfloor can be carried out. Not dried out primer adversely affects the final result. Crater formation and reduced adhesion might be the consequence.
Cleaning: Before curing, WBPR-21P Deep Primer can be removed with water from substrates and tools.

Health- and Safety Recommendations
Take the usual labour hygiene into account. Consult label and material safety data sheet for more information.

Remarks
- Never apply on a substrate which is not protected against rising damp. If necessary apply a moisture sealer such as Soudal EPR-31P.
- Never install on a subfloor with too high moisture content.
- WBPR-21P Deep Primer is not a waterproofing barrier against rising moisture from the subfloor.
- Do not apply at temperatures below 15° or above 25°C.
- Minimum temperature of the substrate should be at least 15°C.
- Do not apply the adhesive when the relative humidity is above 75%.
- The primer cannot be diluted.
- WBPR-21P Deep Primer should not be used on magnesite flooring.