



Floor Expert

Page 01/03

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VD

Solvent-free synthetic resin dispersion primer for reducing absorbency, protection against moisture in levelling compound and increasing adhesion of the levelling compound. For indoor use only.

- Solvent free /water based
- For floor and wall
- Good adhesion to the absorbent substrates
- Low consumption
- Easy application
- Suitable for substrates with underfloor heating
- Low odour

TECHNICAL DATA

Basis: Synthetic resin dispersion, solvent free

Colour: Light blue

Density: 1,04 kg/liter

Solid content: approx. 30 %

pH: Appr. 8,0

Consumption: approx. 40-100g/m² (approx. 10-25m²/kg) depending on the type and absorbency of the substrate

Drying time: Adhesion improvement and absorption reduction approx 0,5 hours and as moisture protection 24 hours

Application temperature: Not below +5°C

All values are approximate and are subject to climate fluctuations.

APPLICATIONS

VD is suitable:

- As a primer for reducing absorbency
- As a primer to improve adhesion for levelling compounds on absorbent substrates
- As a primer to protect against moisture in levelling compounds during the application phase.
- As additive for bonding slurry preparation
- For non-absorbent surfaces, VD Super is recommended.

SUBSTRATES

VD is suitable on:

- Concrete
- Light concrete
- Cement and rapid cement screeds
- Calcium sulphate based screeds
- Gypsum plaster (according to EN 13279-1)
- Cement plaster, lime-cement plaster (CS I - CS IV according to EN 998-1)
- Old substrates with old water-resistant adhesive residues
- Gypsum board
- Wooden substrates

REQUIREMENTS OF SUBSTRATE

- Adequate strength, bearing strength, dimensional stability and permanent dry.
- Free of layers which reduce adhesion, e.g. dust, dirt, oil, fat, wax cleaning agents and loose particles.
- Layers of water-soluble adhesives, e.g. sulphite adhesives, should be removed completely.
- Old water-resistant adhesives should be

Floor Expert

mechanically removed as thoroughly as possible.

- Rooms that do not have a cellar underneath, must be sealed against rising dampness in compliance with the standard.
- The requirements of the relevant valid standards, guidelines and data sheets apply.

MIXING RATIO

(VD : Water)

For reducing absorbency and improving adhesion:

- Concrete (1:5)
- Light concrete (1:3)
- Cement and rapid cement screeds (1:3)
- Calcium sulphate based screeds (1:1)
- Gypsum plaster (1:1)
- Cement plaster, lime-cement plaster (1:3)
- Gypsum board (1:1)

For protection against moisture in levelling compounds during the application phase:

- Wooden substrates (1:1)
- Calcium sulphate based screeds (1:1)
- Gypsum plaster (1:1)
- Substrates with old water-resistant adhesive residues (1:1)

For improving adhesion with a bonding slurry:

- Concrete
- Light concrete
- Cement and rapid cement screeds
- Cement plaster, lime-cement plaster

Bonding slurry preparation (1 part of VD, 3 parts of water + powder) Mixing ratio according to the specification in the product data sheet of the product suitable for preparing bonding slurries.

RECOMMENDED METHOD OF WORKING

- Stir VD before use.
- Dilute VD with cold clean water
- Apply primer evenly on the dry substrate with a brush so that the primer penetrates the substrate efficiently. Puddles must be avoided.
- CASCO FLOOR EXPERT levelling compounds can be applied after a drying time approx. 0,5 - 24 hours. Refer to the product data sheets for the appropriate levelling compounds.

- In case of using bonding slurry, the application of leveling compound must be done by method "wet on wet".
- If the primer is applied on wood or gypsum board, the surface must dry at least 24 h before a leveling compound is applied.

Note! If the primed surface is older than 72 hours (3d) before applying the leveling compound, the priming needs to be repeated.

PACKAGING

- 1,0 kg
- 5,0 kg
- 10 kg

STORAGE

- Store VD in cool, dry, frost-free conditions.
- Storage temperature: Not below +5°C
- Storage life 1 year (in closed packaging).
- Packages that have been opened should be closed immediately and used up as soon as possible.

EMICODE

- EC 1 Plus: very low emission

ENVIRONMENTAL ASPECTS

Handling and cleaning instructions

Always make sure to use suitable gloves and goggles when handling the product. Work carefully and systematically in order to avoid unnecessary spillage.

In case of skin contact, wash with soap and water. In case of eye contact, rinse thoroughly with water.

Clean application tools with water before the adhesive has dried.

For further information, see Safety Data Sheet.

Disposal

Empty packages completely and dispose in accordance with local regulations.

For disposal of product residues, waste water and



Floor Expert

containers with adherent product residues, follow local governmental regulations.

DISCLAIMER

The applicable recommendations, guidelines and safety data sheets are to be followed, together with architectural and engineering regulations.

Our recommendations are based on tests and practical experiences, however, they can only provide general guidance since we have no influence over the conditions on site, the execution of the work or the method of processing.

This product data sheet supersedes all previous editions.

Our information is based on laboratory tests and practical experience and may, as such, be considered a guide in connection with choice of product and working method. As the user's working conditions are beyond our control, we do not assume any responsibility for the results. Our responsibility covers exclusively personal injury or damage to property which actually have been proved subsequent to faults and defects in one of the products manufactured by us.

Certified according:



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