

VERTIGRIP 1110

BOND GRIP ENHANCER
MOISTURE REPELLANT PRIMER



PROPERTIES & APPLICATION

VERTIGRIP 1110 is a pure dispersion resin inter-mixed with quartz and has easy application rheology.

It is used with its moisture repellence property and mechanical key enhancement on absorbent or dense substrates for onward layer application of mineral plasters or tile adhesives.

Mineral plasters based on gypsum, lime and cement as overlays grip on vertical substrates are greatly improved by first priming the substrates with VERTIGRIP 1110.

Priming with VERTIGRIP 1110 is mandatory for inherently difficult substrates, e.g. dense and surface smooth concrete elements or highly absorbent substrates such as foam induced mortar and plasters. For application on dry and desiccated mineral plasters on brick walls, priming with VERTIGRIP 1110 reduces the capillary absorbency of the mineral plaster, which now acts as the substrate for onward applied tile adhesive. This prevents the tile adhesive applied from premature debonding as a consequence of rapid moisture removal preventing proper curing of the tile adhesive.



APPLICATION

VERTIGRIP 1110 can be applied using spray guns, brush or roller. It is ready to use and a maximum addition of 10% water by weight is allowed to achieve a good spray consistency. Before using, any settled quartz must be inter-mixed in by mechanical stirring. Application of intended subsequent plasters or tile adhesive must only be applied after the priming is fully dried. Dryness can be easily checked with a simple scratch test before overlaying.

As a pure dispersion resin VERTIGRIP 1110 cannot be worked at substrate temperatures below +5°C.

If full moisture repellence is desired for applications on e.g. shower walls, a minimum application of 2 subsequent coats is mandatory. Apply the 2nd coat when the first coat has fully dried after about 2 hours depending on the ambient temperature and humidity*.



GENERAL REMARKS*

All times specified are based on +23°C and 50% relative humidity. Higher temperatures and lower humidity increase, lower temperatures and higher humidity decrease working time and drying.



FEATURES

- One component ready-to-use
- Solvent-free pure dispersion
- Enhances mechanical key
- Mandatory for vertical walls
- Mandatory for absorbent or dense surfaces
- Moisture repellent (hydrophobic)
- Dust proofing
- Surface priming
- Can be sprayed, rolled or brushed applied



SUBSTRATE PREPARATION

The substrates must be clean, free of dust, dirt, grease, paint, separating agents and loose particles.

Brittle, soft or weakly bonded substrate components must be removed.

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PRODUCT PROPERTIES

Material base	Pure resin dispersion
Wet Density	~ 1.6 kg/litre
Mixing components	1
pH-Value	ca. 8
Application temperature	5°C to +30°C
Drying time before next application	~ 2 hours
Cleaning agent	In fresh condition : Water

Product only for professional use

Note:

The information and technical recommendations provided in this data sheet corresponds to the best of our knowledge and experience. It is not binding to all situations as the actual application purpose has to be adjusted to prevailing conditions at the point in time. Accepted engineering norms must be observed at all times.

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CONSUMPTION

~ 250 – 300 g/m² (Per single layer)
depending upon site conditions



PACKAGING

20 kg plastic bucket



STORAGE

Frost-free and cool.

Shelf life is 12 months in sealed original container.



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