

Technical Information

Permarock K & R Primer



Product Description

Field of Application:

A pigmented, adhesion-promoting priming coat with good covering power on sound, dry, interior and exterior mineral substrates. Reduces suction and improves resistance to efflorescence. Alkali resistant.

Particularly suited as an adhesion-promoting primer for subsequent layers of synthetic resin bound (cement-free) renders and plasters including Permarock Acrylic, Silicone and Silicone^{Ultra} through colour textured decorative renders and Stone Chip Render on cement-based reinforcement layers of Permarock external wall insulation systems, Permarock exterior render system, and PermaRend exterior render systems. Also used as an alkali-resistant priming coat with Permarock Brick Slips.

Properties:

- Weather-resistant and water repellent.
- High covering power.
- High adhesion.
- Water thinnable.
- Ecologically compatible. Low odour.
- Tintable.

Colour:

- Can be tinted to colour shades from the Permarock 3D-plus and Façade A1 colour ranges.
- When used with Permarock Acrylic, Silicone and Silicone^{Ultra} K or Silicone R-Finish, Permarock K&R Primer should be tinted to approximately the same colour shade as the finish coat.

Product Base / Vehicle:

Acrylic resin dispersion (DIN 55 945) with titanium dioxide, calcium carbonate, silicates, water, film-forming agent, additives and preserving agent.

Storage:

Keep in a cool, frost-free storage location.

Shelf Life:

Unopened containers: 12 months from date of manufacture.

Pack size:

25 kg plastic pail.

Technical Data:

Density approx. 1.6 g/cm³

Application

Preparation of Substrates:

The substrate must be sound/stable, clean, dry and free from all materials that may prevent good adhesion, e.g. form release oils, etc.

Remove unsound flaking, peeling or otherwise defective coatings. Clean the surfaces.

Exterior surfaces: Highly porous / absorbent exterior mineral surfaces shall be stabilised by the application of OptiGrund ELF. Sanding or chalking renders/plasters shall be stabilised by the application of Amphisilan-Putzfestiger.

Sound/stable dry mineral substrates of normal or low absorbency require no further treatments.

Interior surfaces: Prime gypsum plasters and gypsum plasterboards with Caparol-Tiefgrund-TB. Substrates containing water-soluble materials which may lead to staining/ discolouration of the finish coats should be treated with a stain-blocking primer, such as Caparol-Filtergrund.

Preparation of Material:

Permarock K&R Primer should be tinted to approximately match the finish coat.

The material is supplied ready for use but should be thoroughly stirred before application and can be adjusted to working consistency by diluting with up to 10% with potable (tap) water.

Application Conditions:

Minimum temperature for application and drying: + 5°C for product, substrate and air.

Drying / Drying Time:

At + 20°C / 65% relative humidity the material is recoatable after approx. 12 hours.

Lower temperatures extend the drying time.

Method of Application:

Permarock K&R Primer may be applied by paint brush, roller or suitable spraying equipment.

Consumption:

Approx. 250-350 g/m² on smooth surfaces depending on the intended use and application. On rough/textured surfaces a higher consumption rate is necessary. The exact rate of consumption is best determined by carrying out a trial application on site.

Do not apply to horizontal surfaces exposed to rain or moisture.

Cleaning:

Clean tools with water immediately after use.

Advice

Further details :

See material safety data sheet

Technical Information Permarock K & R Primer Issue: November 2021 All suggestions and application instructions herein are based on our latest technical experience. Due to the wide variety of individual project conditions, we cannot be held responsible for their content. These instructions do not release the purchaser / applicator from his responsibility to determine the suitability of the product characteristics. These instructions are to be considered void when a new edition is released. Our general conditions of sale and delivery in their latest edition apply.

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