Nov 2009

D405

Resene Concrete Primer

Resene Concrete Primer is designed for cementitious surfaces, including all concrete, plaster and surfaces, such as fibre cement to make ready for topcoating.

Provides long-term adhesion coupled with exceptional durability even when left uncoated for prolonged periods.

exterior/interior

Physical properties

Vehicle type	100% acrylic
Pigmentation	Titanium dioxide/fillers
Solvent	Water
Finish	Low sheen
Colour	Grey
Dry time (minimum)	20 minutes at 18°C
Recoat time (minimum)	2 hours
Sealer required	See precautions
Theoretical coverage	12.5 sq. metres per litre
Dry film thickness	35 microns at 12.5 sq. metres per litre
Usual no. of coats	1-2
Chemical resistance	Good
Heat resistance	Thermoplastic
Solvent resistance	Good
Sanding properties	Good
Durability	Excellent
Thinning and clean up	Water
VOC	c. 40 grams per litre (see Resene VOC Summary)

Typical uses

- Brick and blockwork
- Cementitious surfaces
- Fibre cement
- Formed concrete
- Plaster
- Precast panels
- Tilt slab

Performance and limitations

Performance

1. Excellent adhesion.
2. Outstanding durability.
3. Excellent flow and sanding properties.
4. Designed with a low sheen that allows exceptional topcoat hold-out
5. An Environmental Choice approved product.

Limitations

1. Do not apply at temperatures below 10°C or when it is liable to drop below 10°C during the drying period.
2. Not designed as a first coat over weak powdery cementitious surfaces or surfaces where salt staining is likely – use Resene Sureseal (see Data Sheet D42).
3. Where there is a risk of lime staining on fresh plaster, use Resene Limelock (see Data Sheet D809).
4. Not recommended for use where severe water staining exists.
5. Resene Concrete Primer is not recommended over sealants. Best elastomeric sealant performance is achieved by leaving it unpainted.

Please ensure the current Data Sheet and Safety Data Sheet are consulted prior to specification or application of product. If in doubt contact Resene.

Concrete Primer

Surface preparation

Ensure surfaces to be painted are in sound condition, dry, free from dirt, dust, loose material, salt and form release agents. Waterblasting at 21,000 kps (3000 psi) is the best surface preparation method prior to painting of weathered cementitious surfaces or galvanised steel.

If moss and mould are present, treat with Resene Moss & Mould Killer (see Data Sheet D80).

Efflorescence on masonry must be treated (see Data Sheet D83).

Wherever oil and grease are present, ensure the surface is thoroughly cleaned using Resene Paint Prep and Housewash (see Data Sheet D812). Flush clean with water.

Ensure all wax or hydrocarbon resin curing membranes are either weathered off or removed by physical or chemical means. Resene Concrete Primer may be applied directly over high quality waterborne curing membranes, such as Resene Limelock (see Data Sheet D809).

Sanding dust from old lead or chromate based paints or old building materials containing asbestos may be injurious to the health if inhaled or ingested. Seek expert advice if the presence of these materials is suspected.

Application

Apply by brush, speed brush, synthetic fibre roller or spray. Spray application is generally not preferred for the first coat.

Apply one to two coats of Resene Concrete Primer allowing at least two hours between coats. Lightly sand between coats. For porous surfaces, it may be desirable to thin the first coat with up to 10% clean water.

Precautions

1. Not recommended for use where severe water staining exists.
2. Use Resene Sureseal (see Data Sheet D42) on old porous and powdery surfaces or in high risk salt staining situations.
3. Use Resene Limelock (see Data Sheet D809) on fresh plaster where a high risk of lime staining is suspected.
4. Do not overcoat directly with two pack systems. Contact Resene if a two pack system topcoat is planned.

Please ensure the current Data Sheet is consulted prior to specification or application of Resene products.
If the surface you propose to coat is not referred to by this Data Sheet, please contact Resene for clarification.

In Australia
PO Box 785, Ashmore City, Queensland 4214
Call 1800 738 383, visit www.resene.com.au
or email advice@resene.com.au

Resene
the paint the professionals use

In New Zealand
PO Box 38242, Wellington Mail Centre, Lower Hutt 5045
Call 0800 RESENE (737 363), visit www.resene.co.nz
or email advice@resene.co.nz