Resene Masonry Flat

Resene Masonry Flat is a premium quality, self-priming exterior waterborne coating designed for direct application to porous masonry surfaces. It imparts a unique and even matt side sheen finish with very low light reflectively, which helps provide a uniform surface appearance on substrates such as cement render, brick and concrete block.

exterior/interior

Typical uses

- Block and brickwork
- Concrete
- Fibre cement
- G.R.C panels
- Monolithic building systems
- Solid plaster

Physical properties

Vehicle type	100% acrylic
Pigmentation	Titanium dioxide
Solvent	Water
Finish	Flat
Colour	White and colours off-white
Dry time (minimum)	Touch dry 45 minutes
Recoat time (minimum)	2 hours
Primer required	Self priming on porous masonry, see **Application**
Theoretical coverage	12 sq. metres per litre
Dry film thickness	34 microns at 12 sq. metres per litre
Usual no. of coats	2, some colours may require additional coats
Abrasion resistance	Good
Chemical resistance	Good
Heat resistance	Thermoplastic
Solvent resistance	Fair
Durability	Excellent including UV resistance
Thinning and clean up	Water
VOC	c. 53 grams per litre (see Resene VOC Summary)

Performance and limitations

Performance

1. Excellent adhesion to masonry and porous surfaces without a primer.
2. High performance finish on pre-primed smooth masonry substrates.
3. Desirable flat finish improves the appearance of the surface and is sympathetic to a range of substrates.
4. 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. The use of Resene Limelock (see Data Sheet D809) is highly recommended over recently applied cement render or freshly poured concrete surfaces.
3. Resene Concrete Primer (see Data Sheet D405) must be used when coating smooth concrete surfaces.
4. Not recommended for roof areas or areas subject to ponding water.
5. Not recommended for application to timber.

Please ensure the current Data Sheet and Safety Data Sheet are consulted prior to specification or application of Resene products. View Data Sheets online at www.resene.com/datasheets. If in doubt contact Resene.

Masonry Flat

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.

Ensure all wax or hydrocarbon resin curing membranes are either weathered off or removed by physical or chemical means.

In the case of release agents being present, it is advisable to wash the entire surface with Altex P40 Cleaner, working the material into the substrate with stiff bristle brooms/brushes then rinse off with clean water before being allowed to dry on the substrate. DO NOT ALLOW Altex P40 Cleaner to dry on the substrate.

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.

Old cementitious surfaces

If moss and mould are present, treat with Resene Moss & Mould Killer (see Data Sheet D80). Waterblasting at 21,000 kps (3000 psi) is the best surface preparation method prior to painting weathered cementitious surfaces. If waterblasting is not possible, remove all loose powdery material by thorough wire brushing. Allow to dry and apply one coat of Resene Sureseal (see Data Sheet D42).

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

Stir thoroughly before use. Apply by brush, synthetic fibre roller or spray.

Brick, concrete block, unsealed fibrous cement sheet

1. Apply two coats of Resene Masonry Flat allowing two hours between coats. Thinning of the first coat by up to ten percent may be necessary on very porous surfaces.

Cement render

1. On fresh cement render, apply one coat of Resene Limelock (see Data Sheet D809). Allow to dry for as minimum of two hours, longer in cold and damp environments.
2. Apply two coats of Resene Masonry Flat allowing two hours between coats.

Off-form concrete, pre-cast concrete panels

1. Apply one coat of Resene Concrete Primer (see Data Sheet D405). Allow to dry for a minimum period of two hours, longer in cold and damp environments.
2. Apply two coats of Resene Masonry Flat allowing two hours between coats.

G.R.C panels

1. Apply Resene Vinyl Etch (see Data Sheet RA31) or Resene ConcreteSeal 3 in 1 (see Data Sheet D409).
2. Apply two coats of Resene Masonry Flat allowing two hours between coats.

Precautions

1. Ensure correct primer and/or sealer is used.
2. Fill all surface imperfections with a premium grade compatible compound prior to paint application
3. All areas of metal angles/fixings encountered must be primed with the appropriate primer before applying the coating system.

Masonry Flat SDS