D408

Resene StainLock
waterborne
stain sealer

Resene StainLock waterborne stain sealer is formulated to hold back a wide range of common surface stains to prevent them damaging subsequent topcoats. Designed for overcoating with your choice of Resene waterborne paint system. Ideal over stained areas where stain transmission is more likely.

exterior/interior

Typical uses
- Brickwork
- Cementitious surfaces including concrete
- Concrete tiles
- Fibre cement
- Old stained surfaces
- Plaster, plasterboard and plasterboard compounds
- Timber

Physical properties

Vehicle type	Modified epoxy emulsion
Pigmentation	Titanium dioxide
Solvent	Water
Finish	Low sheen
Colour	White
Dry time (minimum)	30 minutes at 18°C
Recoat time (minimum)	2 hours
Primer required	Yes, on exterior timber. Unpainted substrates will require a primer coat prior to the application of Resene StainLock. Resene StainLock is designed to seal stains only
Theoretical coverage	Up to 14 sq. metres per litre depending on surface porosity
Dry film thickness	26 microns at 14 sq. metres per litre
Usual no. of coats	1, severe stains may require two coats of Resene StainLock
Abrasion resistance	Moderate
Durability	Requires overcoating
Thinning and clean up	Water
VOC	c. 25 grams per litre (see Resene VOC Summary)

Performance and limitations

Performance
1. Blocks a variety of stains preventing bleed into topcoats. Severe stains may require two coats of Resene StainLock.
2. Suitable for blocking timber tannins for interior applications.
3. Suitable for both interior and exterior application (with an appropriate topcoat).
4. Excellent adhesion to existing coatings including suitably prepared aged alkyd paint.
5. Excellent flow and leveling.
6. 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. Will not block active stains, the source of the stain must be removed.
3. Not weather resistant as a standalone coating. Must be overcoated with durable waterborne topcoats.
4. Not recommended for green concrete, seal with Resene Limelock (see Data Sheet D809) before applying Resene StainLock.
5. Exterior exposed tannin rich timbers including cedar, which will cycle through wet and dry conditions, produce fresh stains. As StainLock cannot overcome active stains, Resene Wood Primer (see Data Sheet D40) is recommended to hold back staining when light colours are used over exterior exposed tannin rich timbers.
6. Cannot be overcoated with two component Resene waterborne paints, such as Resene Aquapoxy (see Data Sheet RA42) and Resene Uracryl 802 (see Data Sheet RA55W).

StainLock waterborne stain sealer

Surface preparation
Remove the source of the stain.

Not normally required over new surfaces except when using waterborne products for coating tannin-rich timbers for interior applications.

Sand timber surfaces smooth. Clean down thoroughly to remove all dirt, dust and loose material. Prime accordingly. Consult Resene for technical advice for coating other surfaces that are not referred to.

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 of weathered cementitious surfaces or galvanised steel.

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

Existing enamel painted surfaces must be thoroughly sanded to provide a mechanical key for subsequent coats.

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 directly to the stained surface by brush or speed-brush for sealing small areas. May be roller applied to cover larger stained areas if required.

Apply one coat of Resene StainLock allowing two hours before recoating or overcoating with a Resene waterborne paint system. Heavy stains may require a second coat of Resene StainLock.

For use as a general purpose stain-barrier over interior timber, apply by roller at the recommended spread rate and allow it to dry for two hours before overcoating.

Resene StainLock is a designed to hold back a wide range of common surface stains to prevent them damaging subsequent topcoats. The product is not designed as a general sealer for direct application on **new surfaces**, such as plasterboard, where standard system recommendations still apply. Over suitably primed or previously painted surfaces Resene StainLock is a highly effective barrier for stains preventing them being carried through to the topcoat. Stains that are still actively being generated, for example stains caused by a water leak, will not effectively be locked out unless the cause of the active stain has been removed.

Stains may bleed into Resene StainLock but should remain locked in and not bleed through into subsequent coats.

Precautions
1. Fill all nailholes and cracked timber after priming.
2. Not recommended for use where severe water staining exists (use Resene Sureseal Data Sheet D42 instead).
3. When spraying Resene StainLock it is essential to ensure that spray lines, pump and gun assemblies are thoroughly cleaned to remove all paint residues that may be present in the spray equipment. Resene StainLock will loosen and mobilise residual paint within the spray set up and will result in blockages and damage to equipment.

StainLock SDS