Resene Uracryl GraffitiShield
waterborne anti-graffiti finish

Resene Uracryl GraffitiShield is a waterborne two pack clear anti-graffiti coating for a variety of substrates that develops early resistance to tagging with spray paint. Graffiti can be cleaned from a substrate protected with Resene Uracryl GraffitiShield using Resene Graffiti Cleaner.

exterior/interior

Typical uses
• Surfaces prone to graffiti attack

Performance
1. Spray paint graffiti can be removed from a substrate protected with Resene Uracryl GraffitiShield after 48 hours cure using Resene Graffiti Cleaner.
2. Enables use of high performance urethanes when spray application is difficult or undesirable.
3. Self-priming on cementitious and fibre cement panels (see Application).
4. Can be used as a graffiti clear for 100% acrylic based paints.

Limitations
1. Do not apply at temperatures below 10°C or above a relative humidity of 85%. These application requirements must also be met until the applied coating has achieved touch dry.
2. In early stages of curing, film may be susceptible to mechanical damage.
3. Not suitable as a graffiti clear for exterior steel, timbers or as an anti-graffiti clear over epoxy, alkyd or chlorinated rubber based paints subject to exterior exposure.
4. To prevent ghosting when removing marker pen, the applied coating must have cured for a minimum of four weeks.
5. Not recommended as a clear waterproofing system for concrete block and honed concrete block construction.

VOC
81 grams per litre when mixed
(see Resene VOC Summary)

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.
Resene PaintWise location or approved hazard waste site.

Fresh water and allow the washed surfaces to dry before applying the graffiti clear system.

(see Data Sheet D65S) and allow to cure.

Release agents, curing agents, oil, grease and other penetrating contaminants. Apply Resene Solventborne Aquapel and the environment. Ensure approved procedures are put in place to safeguard against this.

Residues and dust from old paint systems containing lead or chromate may be dangerous to the health of the operator and environment. Ensure approved procedures are put in place to safeguard against this.

4. Do not breathe vapour. Avoid contact with skin and eyes. If eyes become

1. Consult Safety Data Sheet for this product prior to use. Users should ensure that they are familiar with all aspects concerning safe application of this product. IF IN DOUBT, DO NOT USE THIS PRODUCT

2. The hardener is sensitive to moisture and should be kept tightly sealed when not in use.

3. The hardener contains a trace (less than 1%) of hexamethylene di-isocyanate, which is of course further diluted when blended with the base. When brushed or rolled, normal ventilation procedures used with solventborne systems will ensure that the level in the air never reaches a M.A.C. of 0.02 p.p.m. If adequate ventilation is not available, a respirator should be worn. When sprayed, mixed product may be harmful by inhalation. Wear suitable protective clothing, gloves, eye and face protection, including suitable breathing protection such as an air-supplied respirator or hood.

4. Do not breathe vapour. Avoid contact with skin and eyes. If eyes become contaminated flush with water for a minimum of 15 minutes. SEEK MEDICAL AID IMMEDIATELY. Wear suitable clothing, gloves and eye and face protection.

Application

Mixing
Add total contents of hardener container to total contents of base. Mix until uniformly blended using a wide flat stirrer or power mixing. Back add the mixed material to the hardener container (approximately two thirds full) and hand mix or re-lid and shake for 1-2 minutes to incorporate any hardener that was not decanted in the first instance. Add this back to the previously mixed paint and re-mix until uniform. Allow the mixed material to stand for 10 minutes prior to using.

Application
Apply by roller (Resene Waterborne Clears sleeve), synthetic brush or spray. Seal cementitious substrates by applying a coat of Resene Uracryl GraffitiShield gloss thinned 20% with water and allow to cure, followed by one or two unthinned additional coats as required. When rolling, work in a continuous direction and immediately lay-off with a 50% overlap, tip-off with a brush if bubbles persist. Avoid working back over areas that have begun to dry as this will lead to a patchy finish.

Thin only with water when applying under hot or windy conditions. Care is advised when applying thinned product as sag of the wet film may occur.

Semi-gloss clear systems for concrete/fibre cement: Apply Resene Uracryl GraffitiShield gloss as the sealer coat followed by a minimum of two coats of Resene Uracryl GraffitiShield semi-gloss.

Application over fresh waterborne acrylic coatings
Allow the new paint to cure for at least 48 hours then wash down with fresh water until foaming is not observed in the wash water. Allow the washed surfaces to dry before applying the graffiti clear system.

Application over aged/weathered waterborne acrylic coatings
Scrub down the painted areas using Resene Paint Prep and Housewash (see Data Sheet D812) then wash down with fresh water and allow the washed surfaces to dry before applying the graffiti clear system.

Consult Resene for advice on application of the anti-graffiti clear system to aged acrylic paint finishes showing signs of heavy chalking as re application of the acrylic base paint may be required prior to application of the Resene Uracryl GraffitiShield system.

Application of Resene Uracryl GraffitiShield to substrates painted with a non U.V. stable paint system is not recommended.

GASSING WILL OCCUR IF UNTHINNED PRODUCT IS APPLIED AT WET FILM THICKNESSES IN EXCESS OF 125 MICRONS. When applying thinned product maximum wet film thickness to avoid gassing is dependent upon amount of water added.

Do not use mixed product beyond the stated pot life for the given temperature.

Do not apply at temperatures below 10°C or when it is liable to drop below 10°C during the drying period.

CAUTION - Do not tightly re seal quantities of leftover mixed product, as the mixed product generates carbon dioxide gas, which can cause the lid of a tightly sealed can to pop with force. Leave the mixed material in a safe place for at least 48 hours for outgassing to be completed before sealing cans for disposal through a Resene PaintWise location or approved hazard waste site.

Safety precautions

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