



Unicover W Satin

Mould & Algae Resistant Refurbishment Coating*

RC430

intended uses

As a single product refurbishment coating for many types of building substrate, eg. Pre-coated cladding (Plastisol), Metal, Timber, Plastic (uPVC), masonry, concrete and most previously painted surfaces.

product description

A water based single pack primer/finish containing inert pigments and extenders, and acrylic polymers. Mould & Algae resistant*(see Limitations for details)

product information

Product reference	RC430
Volume solids	40%
Typical thickness	40 microns dft from 100 microns wet
Theoretical coverage	10m ² /litre
Practical coverage	Adjust for profile, climatic conditions, application method, etc.
Appearance/Colour range	Satin finish / full colour range (BS, Ral, NCS etc)
VOC content	EU limit (Cat A/i) 140g/l contains max 80g/l VOC

application details

Mix ratio	N/A
Method of application	Brush or airless spray (can be roller applied to large flat panels etc). Stripe coat all vulnerable areas, (edge, panel ends, bolt heads, etc) and allow to dry overnight before main coat application. Apply two full coats as necessary. Ensure good coverage especially vulnerable areas.
Thinner	Do not thin
Cleaner	Water
Pot Life	N/A

Substrate Temperature	Touch Dry	Hard Dry	Overcoating Interval	
			Minimum	Maximum
20°C	1 hour	4 hours	1 hour	14 days Ensure surfaces are clean.

Note: Minimum application temperature is 10°C and rising.

storage and handling

Storage	Store in a safe place out of the reach of children
Pack Size	5 litres
Flash point	N/A
Product weight	Approx. 1.25kg/litre (may vary depending on colour)
Shelf life	2 years in unopened containers at moderate temperature

surface preparation

Important: Inspect all elevations of the building - condition of (say) North and South facing cladding may differ considerably.

Ensure surfaces are sound, clean and dry before coating, and any existing coatings are sufficiently resilient for overcoating. Remove surface contaminants by detergent scrubbing or high pressure power washing. Remove any moss, lichen, algae etc using Torkill W Fungicidal Solution (DM405). Ensure any existing coatings are adhering firmly to the substrate. Remove any residual chalking (if present) by vigorous rubbing etc with a fine scouring pad, and any other surface leachates or residues (particularly on plasticised PVC coatings) by either vigorous wiping with Tor TH99 solvent or vigorous scrubbing with strong alkali detergent (eg. Torstrip WDA 10) followed by thorough rinsing. Note: Abrasion of PVDF coatings (other than around loose or corroded areas) with fine hard abrasives should be avoided as this may polish the surface and impair adhesion of subsequent coatings - white aluminium oxide (80 mesh or coarser) or other suitable hard sharp mineral abrasive paper recommended to 'cut' and roughen coatings.

Scrape back any loose or weakly bonded materials and prepare to a firm feathered edge, and abrade exposed metal to remove corrosion products and provide a mechanical "key". Spot prime all bare metal areas with Elastaseal Z Metal Primer (RC145) as appropriate.

limitations

Overcoating should be carried out within the timescale overleaf to promote maximum intercoat adhesion and avoid film defects. Surfaces must be clean.

Ensure application conditions are favourable, the air and surface temperature must be between 10°C - 32°C and relative humidity a maximum of 85% during application and cure. Do not apply if there is a likelihood of rain, frost, fog or condensation affecting the freshly applied paint before it has fully cured.

Avoid painting in direct sunlight and maintain a "wet edge" to avoid lapping.

Moisture content of wood should be less than 15%. An additional coat should be applied to horizontal surfaces – eg. window sills for added protection.

Not intended for areas subject to prolonged standing water.

Depending on existing surface colour or pigmentation of Unicover W finish, some colours may require an additional coat to give full opacity.

This product may have limited durability in aggressive (eg. heavy chemical atmospheres, severe climatic changes) environments. Contact Tor Coatings for advice on alternative systems.

*This product contains a biocide to protect the dried film from fungal & algal degradation. Once dried the paint film is classed as a treated article and contains the surface biocides 2-octyl-2H-isothiazol-3-one 0.06%, Diuron 0.15% & Zinc Pyrithione 0.06% by weight

safety precautions

A copy of the appropriate Safety Data Sheet should be consulted prior to using the product.

definitions

Tolerances

All information quoted in this data sheet is subject to normal manufacturing tolerances.

Practical coverage

Practical coverage can vary considerably depending on method of application, surface roughness, weather conditions and complexity of the structure.

Pot Life

Applies only to two component products and refers to the time the mixture remains usable.

disclaimer

The information contained herein is to the best of our knowledge true and accurate and is given in good faith but without warranty. The user will be deemed to have satisfied him/herself independently as to the suitability of our products for his/her own particular purpose. In no event shall Tor Coatings be liable for consequential or incidental damages. This document will normally be updated at least every two years. It is the user's responsibility to ensure that they have the current copy.