

Unicover S

RC305

intended uses

High build protective finish for renovation of factory coated profile metal vertical cladding panels, roofing trims etc in moderate environmental locations.

product description

Single pack smooth finish based on a specially modified acrylic/urethane resin system containing inert pigments and extenders.

product information

Product reference	RC305
Volume solids	Approximately 50%
Typical thickness	75 microns dft from 150 microns wet
Theoretical coverage	6.7m ² /litre
Practical coverage	Adjust for profile, climatic conditions, application method, etc.
Appearance/Colour range	Semi Gloss/ BS/RAL and NCS through relevant tint base
VOC content	EU limit (Cat IIA/i: 500g/l (2010). <= 500g/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 one or two full coats as necessary. Ensure good coverage especially vulnerable areas - see "limitations". Slight thinning (2-5% solvent addition) is permissible to aid application where necessary.
Thinner	TH10
Cleaner	TH10
Pot Life	N/A

Drying time

Substrate Temperature	Touch Dry	Hard Dry	Overcoating Interval	
			Minimum	Maximum
20°C	2-4 hours	16-24 hours	16 hours*	14 days Ensure surfaces are clean.

Note: Minimum application temperature is 3°C and rising. Substrate temperature must be at least 3°C above the dew point and maximum humidity = 85%.

storage and handling

Storage	Store in a safe place out of the reach of children
Pack Size	5 litres
Flash point	Approx. 40°C
Product weight	Approx. 1.2kg/litre (may vary depending on colour)
Shelf life	5 years in unopened containers in cool, dry conditions

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 Anti Fungal Wash (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. Stripe coat vulnerable areas (drip edges, exposed boltheads, panel edges etc) with Elastaseal™ Fibretex and leave overnight before applying main coat.

limitations

Do not apply if rain is imminent.

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

Depending on existing surface colour or pigmentation of Unicover S 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.

safety precautions

A copy of the appropriate Health & Safety Data Sheet should be consulted prior to using the product. This can be faxed if urgently required.

Minimum precautions for all paints:

1. Avoid skin and eye contact i.e. wear gloves, goggles, etc
2. Ensure good ventilation, mechanical if necessary.
3. Store and use away from heat and flame.
4. Do not eat or smoke in the vicinity of work.
5. Wash hands before eating.
6. Refer to supply container for additional warning labels.

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.