

Cladcote

221

brushing epoxy primer

Cladcote 221 combines the performance properties of a quality inhibitive epoxy primer with the convenience of brush or roller application. Suitable for priming both ferrous and non-ferrous metals that are to be finished with brushing two component polyurethanes, such as Uracryl 400 Series topcoats. Primer for new or maintenance work.

Typical uses

- Aluminium
- Galvanised steel
- Repaints
- Structural steel

Physical properties

Vehicle type	Two component epoxy
Hardener	Polyamide
Pigmentation	Zinc phosphate
Solvent	Aromatic/glycol ether
Pot life	8 hours at 21°C
Mix ratio	4:1 (by volume)
Finish	Low gloss
Colour	Pale green
Dry time (minimum)	Touch dry: 3.5 hours at 25°C; 5 hours at 10°C
Recoat time (minimum)	6 hours at 25°C; 11 hours at 10°C
	Maximum: 2 weeks (Uracryl 400 Series)
Theoretical coverage	11 sq. metres per litre (50 microns DFT)
	7.3 sq. metres per litre (75 microns DFT)
Volume solids	55%
Recommended DFT	50-75 microns per coat
Usual no. of coats	1-2
Abrasion resistance	Very good
Chemical resistance	Excellent when suitably topcoated
Heat resistance	Up to 90°C (dry, continuous)
Solvent resistance	Excellent when suitably topcoated
Durability	Excellent when topcoated
Thinning and clean up	Thinner No.8
Pack size	1 and 4 litre composite

Performance and limitations

Performance

1. High performance epoxy primer for brush application.
2. Suitable for both new and maintenance work.
3. Brushing primer for use prior to application of Uracryl 400 Series polyurethane brushing finishes.
4. Combination of Cladcote 221 and a Uracryl 400 Series finish allows the application of high performance coating systems in situations where restrictions of spray application apply.
5. Good low temperature cure characteristics.

Limitations

1. Not designed to give long-term protection in exterior situations without topcoating.
2. Drying and curing times are proportionally shorter at higher temperatures and longer at lower temperatures.
3. Consult manufacturer for topcoat recommendations if an alternative to a Uracryl 400 Series finish is desired.

Please ensure the current Data Sheet and Safety Data Sheet are consulted prior to specification or application of product. In doubt contact

