

CladBond

epoxy sealer

CladBond is a low viscosity, penetrative epoxy sealer and porosity equaliser for porous substrates. Reinforces rusted steel surfaces to give a sound base for application of protective coating systems.

Typical uses

- Concrete surfaces
- Fibre cement
- Rusted steel surfaces
- Thermal metal spray

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

Physical properties

Vehicle type	Two component epoxy
Hardener	Polyamine/amide
Pot life	1-2 hours at 20°C
Mix ratio	1 part base: 1 part hardener (by volume)
Finish	Gloss
Colour	Clear – pale amber
Dry time (minimum)	Through dry: 12-16 hours at 20°C
Recoat time (minimum)	16 hours Maximum: Varies with environmental conditions and topcoat used
Primer required	No
Theoretical coverage	20 sq. metres per litre at 50 microns DFT (coverage will vary depending on porosity of substrate)
Volume solids	100% (no added solvent)
Recommended DFT	50 microns
Usual no. of coats	1-2 (dependent upon substrate porosity)
Abrasion resistance	Good
Chemical resistance	Excellent when topcoated (refer to topcoat resistance for details)
Heat resistance	Up to 120°C (dry continuous)
Solvent resistance	Excellent
Thinning and clean up	Thinning not recommended Clean up uncured material with Thinner No.12
Pack size	4 and 20 litre composites

Performance and limitations

Performance

1. Penetrating epoxy sealer.
2. Porosity equaliser.
3. Low odour, contains no added solvent.
4. Seal coat for subsequent application of high performance coating systems.
5. Must be topcoated for maximum corrosion protection and chemical resistance.

Limitations

1. This product will chalk when continuously exposed to sunlight. This chalking in no way impairs performance.
2. Good low temperature cure characteristics.
3. Not normally recommended for immersion.
4. Do not apply over thermoplastic coatings.

