



Compset LV epoxy

Compset protective coatings

Description :

Compset LV is a high gloss, low viscosity, solvent free polymer system designed for application as a hard wearing surface over concrete. Integrating the newest technology, **Compset LV** combines the ease of application of epoxies with the toughness and wear resistance of acrylics. Containing no solvents, **Compset LV** offers a safe alternative to conventional solvent based materials as well as being resistant to ultra violet degradation for internal behind window applications.

Advantages:

- Solvent free, clear or coloured system
- Low viscosity
- Excellent abrasion and scratch resistance
- Low temperature cure

Usages:

- Protection & enhancement of polished or ground concrete
- Clear sealer over vinyl flake flooring
- Hardwearing , coloured sealers

Engineering data:

Shore D hardness	50
Abrasion resistance Taber (1000 cycles 1 kilo weight clear coating)	
CS-17 μm loss	39
H22 μm loss	168
Compressive strength MPa	50
Tensile strength MPa	44
elongation %	18
Application temperature	5 $^{\circ}\text{c}$ - 30 $^{\circ}\text{c}$
Tg DSC $^{\circ}\text{c}$ ultimate	48 $^{\circ}\text{c}$ (typical)
VOC content	< 30 grams / litre

Application data:

Mix ratio by volume	2 resin to 1 hardener
Work Time	15 - 30 minutes
Tack free	4 to 6 hours depending on Hardener selection
Re coat time @25 $^{\circ}\text{c}$	6 - 24 hours
Application rate	6 - 7 m ² / litre per coat
Film thickness	150 μm per coat
Light Traffic	24 hours 25 $^{\circ}\text{c}$
Cure time	7 days

Application instructions :

Compset LV should not be specified for external or in direct (not screened by glass) sunlight application. Concrete surfaces should be clean and free of additives, curing agents and contaminants. Prepare by diamond grind, track or light shot blast to provide suitable profile.

Cement based substrates should be at least 21 days old before coating.

Test for rising damp or back water pressure before application as adhesion failure is likely to occur. Old concrete floors previously contaminated with fats and oils should be tested for adhesion before application of epoxy compounds.

Compset LV is not chemically resistant to food acids or hot chicken fat in processing areas. High humidity or drops in temperature in 4 $^{\circ}\text{c}$ around the due point may cause whitening of the surface.



www.Compset.biz

Notice :

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