



Compset HS epoxy coating

Compset protective coatings

Description :

Compset HS epoxy is a high solids, high build , decorative epoxy resin coating formulated for long work time and ease of use. It provides a hard wearing surface suitable for foot and rubber-tired vehicles as well as chemical processing environments. Slip resistance of R10-R13 may be achieved with suitable aggregates. Full colour range to AS 1700 and RAL available in factory pretint or colourpak process.

Advantages:

- Good chemical , abrasion resistance
- Ease of application - roller or spray
- Excellent adhesion .. self priming
- Wide colour range

Usages:

- Car parks and garages
- Manufacturing plants and Factories
- Chemical, mining and food processing
- Waste water and recycling

Engineering data:

Shore D hardness	75
Abrasion resistance Taber (1000 cycles 1 kilo weight clear coating)	
CS-17 µm loss	130
Adhesion Pull off MPa	10
Volume solids %	90
Application temperature	5°c - 30°c
Tg DSC °c ultimate	48°c (typical)
VOC content untinted	< 130 grams / litre
Heat resistance (dry) °c	120

Application data:

Mix ratio by volume	3 resin to 1 hardener
Work Time	30 - 60 minutes
Tack free	4 to 6 hours depending on Hardener selection
Re coat time @25°c	8 - 24 hours
Application rate	5 - 7 m ² / litre per coat
Film thickness	150 µm per coat (2 coats)
Light Traffic	24 hours 25°c
Cure time	7 days
Colour Stability	Yellows on exposure

Consult Compset Coating Chemical resistant chart

Application instructions :

Compset HS contains flammable solvent. Consult MSDS before use.

First coat may be thinned to max 10%. Do not thin final coat under any circumstances.

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 exceeding CSP 3. Moisture content should not exceed 4%.

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 HS has limited chemical resistant to strong mineral acids or hot chicken fat in processing areas.

Compset Novolac UHS should be considered for these applications .

To extend the lifetime of the coating all spills should be removed immediately, scrubbed and the surface allowed to dry.

High humidity, over thinning first coat, or drops in temperature in 4°c around the due point may cause whitening of the surface. Coating must be sanded before continuing.

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