

TECHNICAL DATA SHEET

EPOXY@Guard

~ High Solid Epoxy Coating (2 Packs) ~

Document No: TB-IC-06

SANcora® EPOXY@Guard High Solid Epoxy Coating is a two-pack finish that gives excellent resistance to oils, chemical, water and abrasion. It gives an excellent protection for surfaces against harsh environment conditions.

Usage Recommended use for heavy duty protection on ferrous surfaces. Suitable for concrete floor, iron and steel structure, industrial building, offshore structure, laboratories and etc.

Pack Size 5 litres (4 litres base + 1 litre activator).

Composition

Pigment	:	Organic & Inorganic
Binder	:	Epoxy Resin
Vehicle/Solvent	:	Aromatic Hydrocarbon

Technical Data

Texture	:	Smooth Gloss Finish
Colour	:	Refer to Industrial Coating Colourcard
Theoretical Coverage	:	Approx. 13- 15m ² / litre (Depending on surface evenness)
Drying Time	:	Single coat at standard thickness (28°C, 50% RH)
		Touch Dry ≤ 4 Hours
		Hard Dry ≤ 8 hours
Recoating Time	:	8 hours but not more than 7 days
Thinner/Cleaner	:	Aromatic Hydrocarbon

Application

Mixing Ratio (volume)	:	4 parts base to be mixed thoroughly with 1 part activator
Mixing	:	1/2 hour prior to use.
Brush/Roller	:	For normal use, thinning is not necessary. If required, add up to 10% by volume with thinner.
Conventional Air Spray	:	Thin 10 - 20% by volume with thinner and adjust to requirement.
Airless Spray	:	Ready for use. Thinning is not necessary.

Surface Preparation

Metal	:	Surfaces must be dry and free from grease, dirt and other contaminants. Steel surfaces should be sanded or wire-brushed to remove mill scales and rust. For the best result, steel surfaces should be prepared by hand-powered tool according to BS7079 Part 1:1989 ST3 Standard
Wood / Concrete	:	Surfaces must be dry and free from grease, dirt and other contaminants. Smoothen the surfaces with suitable grade sandpaper and dust off before application of paints.
Galvanized / Aluminium	:	Remove all loose and defective paint film. Rusted and defective area should be sanded and feathered. Sound paint film should be sanded to provide anchorage for the new coating.

Shelf Life 2 years at ambient temperature in unopened containers.

Paint Guide

Surface Condition	Finishing - To Paint 2 Coats
Metal	SANcora® EPOXY@Guard
Wood / Concrete	SANcora® EPOXY@Guard

Safety, Health and Environmental Information

When applying paint, it is advisable to wear eye protection and suitable gloves.
 In case of contact with eye, rinse with plenty of water immediately and seek medical advice.
 Remove splashes of paint from skin by using soap or water.
 Keep container tightly closed and away from food, drinks, animal feed and out of the reach of children.
 Ensure good ventilation during application and drying.
 Paint must always be stored in upright position and a cool place.
 Dispose off any paint waste in accordance with the appropriate Environmental Quality Regulations.
 Refer to Safety Data Sheet for complete product safety information.

The above information is given to the best of our knowledge based on our existing laboratory test and practical experience, however since conditions of actual use are beyond our control any recommendations and suggestions are made without warranty, express or implied and we reserve the right to alter the given data without prior notice.

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