

TECHNICAL DATA SHEET

PROTECTIVE@Guard

~ Micaceous Iron Oxide ~

Document No: TB-IC-07

SANcora® PROTECTIVE@Guard Micaceous Iron Oxide is a highly durable metal protective paint that is resistant to mild chemical fume attack, atmospheric pollution and high humidity due to its hard lamellar pigment, Micaceous Iron Oxide.

Usage	Recommended used as protective coating for metal surfaces such as steel structure, bridge, transmission towers, metal tanks and etc.	
Pack Size	5 litres	
Composition	Pigment	: Micaceous Iron Oxide, Aluminium Paste & Inorganic
	Binder	: Modified Alkyd
	Vehicle/Solvent	: Aliphatic Hydrocarbon
Technical Data	Texture	: Matt Metallic Finish
	Colour	: Refer to Industrial Coating Colourcard
	Theoretical Coverage	: Approx. 14- 16m ² / litre (Depending on surface evenness)
	Drying Time	: Single coat at standard thickness (28°C, 50% RH) Hard Dry ≤ 2 hours
	Recoating Time	: 2 hours
	Thinner/Cleaner	: Mineral Spirit
Application	Brush/Roller	For normal use, thinning is not necessary. If required, add up to 10% by volume with Mineral Spirit.
	Conventional Air Spray	Thin 5 - 10% by volume with Mineral Spirit and adjust to requirement.
	Airless Spray	Thinning is not necessary. If required, add up to 5 - 10% by volume with Mineral Spirit for ease of application.
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 BS 7079 Part 1: 1989 ST3 Standard.
	Previously Painted	Remove all loose and defective paint film. Rusted and defective area should be sanded and feathered.
Shelf Life	2 years at ambient temperature in unopened containers.	

Paint Guide

Surface Condition	Primer - To Paint 1 Coat	Finishing - To Paint 2 Coats
Metal	SANcora® RUST@Guard	SANcora® PROTECTIVE@Guard Micaceous Iron Oxide

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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