

CORAL ALUMINIUM PAINT

(CSB 4)

Product description:

Type:

Coral Aluminum is designed for exterior and interior use on iron and steelwork. It is based on an high performance hydrocarbons which provide good resistance to heat, excellent aluminum glow, and remarkable light reflection.

Features and benefits:

Coral Aluminum possesses excellent heat reflecting properties and will considerably reduce evaporation losses when used on storage tanks.

Recommended use:

In tropical climates, corrugated iron and metal roofs on houses, factories, stores, etc., can be coated with Coral Aluminum Paint to reduce interior temperature. Coral Aluminum Paint contains no add lead, mercury, arsenic and chromes.

Substrate:

Roofing corrugated metal surfaces and window grills.

Product data:

Packaging size	0.5L, 1L and 4L
Colors	Silver Grey
Finish, Dry Film	Aluminum luster
Solid by Volume	30 ± 5 Volume%
Specific gravity	1.0 ± 0.1
Viscosity	60 -70 KU
VOC Level	165-180g/L for white, pastel and medium colors. EPA Green seal standard is 200g/L for flat coatings
VOC comments	This is the theoretical value. Tested value will vary depending on test methodology, accuracy of equipment used for testing and test conditions.

Application data:

The product can be applied by

Brush, Roller : Recommended.

Spray Application: (refer to spray gun manufacturer's information)

- **Conventional gun** : Fluid Tip 1.3 – 1.6mm, Air pressure 50 psi (3.5 bar) at the gun
- **HVLP/Compliant gun** : Fluid Tip 1.2 – 1.5mm, Air pressure

Film thickness per coat

Typical recommended range

Theoretical Coverage: 8-10 m²/ liter

Film thickness will vary and is calculated as average.

Spreading rate depends on film thickness applied, type of texture, surface porosity, imperfections, temperature, wastage during painting etc.

Maximum spread rate per coat is obtained at minimum dry film thickness.

Coral Aluminum Paint

Thinner

Coral Solvents for Oil Paints T-100/Gloss Thinner

Dilution

Ready to use

Special Remark

When applying Gloss on glossy surface the first coat should be lightly abraded with fine sandpaper to guarantee good inter-coat adhesion.

Conditions during application

The temperature of the substrate should be minimum 10 °C and at least 3 °C above the dew point of the air, measured in the vicinity of the substrate. Good ventilation is usually required in confined areas to ensure proper drying.

Drying times

Drying times are generally related to air circulation, temperature, film thickness and number of coats, and will be affected correspondingly.

1. Recommended data given is, for recoating with the same generic type of paint.
2. In case of multi-coat application, drying times will be influenced by the number and sequence and by the total thickness of previous coats applied.
3. The surface should be dry and free from any contamination prior to application of the subsequent coat.

The drying time is measured by stated values	Relative Humidity (RH) 50 %
Substrate temperature	30 °C
Surface (touch) dry	3 hrs.
Hard dry	8 hrs.
Dry to over coat, minimum	Overnight

Directions for use:

Surface preparation

The substrate must be clean, dry and free from dust, oil, grease, laitance etc. All traces of form release agents/curing agents must be removed. A light sanding with suitable abrasive material is recommended before application. Any resulting dust/loose particles must be removed.

Recommended paint system

To be applied on prepared surface*

Priming Coats:

Coral Zinc Chromate Primer or Coral Metal Primer, on metal surfaces

Apply with light strokes in one direction. To avoid streak marks, do not work the paint too much.

Topcoat

Coral Aluminum Paint : 2-3 Coats

***It can change depending on Substrate.**

Coral Aluminum Paint

Remarks:

Other systems may be specified, depending on area of use.

Masking tape has to be removed immediately after application of the topcoat.

Contents of packaging with different batch numbers must be mixed together before use. .

Storage:

The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

Environmental labelling:

Insignia Limited is an ISO 9001 and 14001 certified company for QMS and EMS respectively.

Refer to the product safety data sheet for more information.

Health and safety:

Ensure good ventilation during application and drying. Observe hygiene and safety regulations. Wash your hands carefully after painting. Avoid contact of paint with eyes and skin. Keep out of the reach of children. Do not use can/container to store food and water. Refer to Material Safety Data Sheet for additional safety information.

Disclaimer:

The information contained herein is to the best of our knowledge, accurate and current and is given in good faith without warranty. Users are deemed to have satisfied themselves independently as to the suitability of our products for their intended purpose. In no event shall insignia be liable for consequent or incidental damage.