

CORAL BONDING SOLUTION

(CSF 3)

Product description:

Type

Coral Bonding Solution is a clear, resin based binding agent for interior and exterior use.

Features and benefits

It binds and consolidates soft and friable and under bound surfaces. A unique versatile clear alkali resistant sealer, which has an excellent penetration into excessively porous surfaces.

Recommended use

Application on chalky surfaces after surface preparation allows the material to be bind any loose particles before painting. Not suitable for wet and highly alkaline surfaces.

Substrate

It can be applied mostly on old chalky surfaces that need to be repainted.

Product data:

Packaging size	4L, 10L and 20L
Colors	Clear
Finish, Dry Film	Smooth
Specific gravity	0.80 ± 0.05
Viscosity	18 – 23 Sec by B4 Ford Cup @ 30degree
Solids by volume	20 ± 5 volume (Theoretical)
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, Spray: Recommended.

Brush Recommended to paint corners and edges.

Film thickness per coat

Typical recommended range

Theoretical Coverage: 10-12 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 and vice versa.

Caution:

Contact with the skin may cause irritation and immediate washing with soap and water is advised.

Coral Bonding Solution

Thinner

Coral Standard Thinner (Cleaning only)

Dilution

Ready for use

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	4 hrs.
Hard dry	8 hrs.
Dry to over coat, minimum	Not Require

Directions for use:

Surface preparation

The substrate must be sound, 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

Coral Bonding Solution: 1 Coats

First coat as per recommendation.

An additional coat may be required for certain bright colors, dark colors and significant color changes.

Other paint systems

For repainting

Coral Bonding Solution: 1 - 2 Coats

Coral Bonding Solution

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.