

CORAL BINDER

(CWP 3)

Product description:

Type

Coral binder is a unique PVA copolymer based which has a milky appearance but dries to form a clear film.

Features and benefits

Coral binder is a solution to chalky painted surfaces before commencing repainting. It produces an attractive eggshell or semi-gloss clear finish which will be more dust-resistant and more easily cleaned than the bare substrate.

Recommended use

Coral binder can also be applied over matt emulsion paint to produce a semi-gloss finish or over wall paper to render them more washable. This versatile product can also be mixed with PVA emulsion paint to increase the binding and sheen level of the finish. An attractive finish can be obtained by applying Coral binder to quarry tiles prior to the application of wax polish. Coral binder is designed for interior use and should not be applied to exterior surfaces subjected to strong sunlight.

Substrate

It can be applied on surfaces like cement, brickwork, plywood, asbestos, etc.

Product data:

Packaging size	4L, 10L and 20L.
Colors	Milky
Finish	Smooth (Semi-gloss /Eggshell)
Solids by volume	22 ± 3 volume% (Theoretical)
Specific gravity	1.0 ± 0.05 (Theoretical Only)
VOC	Below 15g/L. Green seal standard is 50g/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.

Brush Recommended to paint corners and edges.

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 and vice versa.

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Thinner

Water

Dilution

Maximum 5 %

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	16 hrs.
Dry to over coat, minimum	4 hrs.

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

Binder Sealer

Coral Binder Sealer: 1 Coat

Primer

Coral Alkali Resisting Primer (WB) can be applied on top of binder sealer: 1 Coat

Topcoat

Any Coral emulsion paint: 2- 3 Coats

First coat and second coat as per recommendation.

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

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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.