

## CORAL 1K POLYURETHANE VARNISH

(CWF 7)

### Product description:

#### Type

A high quality Polyurethane Varnish, especially formulated to produce a tough, full gloss on parquet and all types of timber flooring.

#### Features and benefits

It is manufactured from an oil modified polyurethane resin which makes the product to retain natural beauty of the timber as an excellent Single pack type which facilitates easy application and high spreading capacity giving it advantages over normal alkyd synthetic varnishes.

#### Recommended use

All types of wood works and flooring fast dry and adhesion is of essence.

#### Substrate

Suitable for general use on furniture, door panels and frames, pelmets, skirting boards, counters, wall partitions and general woodwork

### Product data:

<b>Packaging size</b>	1L and 4L
<b>Colors</b>	Clear
<b>Finish, Dry Film</b>	Smooth (Gloss/Semi-Gloss/Matt)
<b>Specific gravity</b>	0.98 ± 0.05
<b>Viscosity</b>	60 – 70 KU
<b>Solids by volume</b>	35 ± 5
<b>VOC Level</b>	165-180g/L for white, pastel and medium colors. EPA Green seal standard is 200g/L for flat coatings
<b>VOC comments</b>	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: 10-12 m<sup>2</sup>/ 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.

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### Thinner

Coral Solvents for Oil Paints T-100/Gloss Thinner

### Dilution

Maximum 5-10 % by Volume for Spray Application

### 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.

<b>The drying time is measured by stated values</b>	Relative Humidity (RH) 50 %
<b>Substrate temperature</b>	30 °C
<b>Surface (touch) dry</b>	3-4 hrs.
<b>Hard dry</b>	8 hrs.
<b>Dry to over coat, minimum</b>	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\*

- Prepare surface.
- Apply 2-3 coats of Coral 1K Polyurethane Varnish

### Cautions:

- Do not apply Coral Varnish Clear over surfaces which have been wax polished unless all traces of polish have been removed and the surface is sanded thoroughly.

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

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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. .

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### **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.

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### **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.

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### **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.

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### **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.