



Koramel Undercoat

Koramel Undercoat is a premium quality, oil rich alkyd resin pigmented undercoat with high build properties to serve as an intermediate coating on primed or previously painted woodwork or direct to timber. It has good opacity and intercoat adhesion and exhibits excellent levelling properties to enhance the quality of the subsequent finishing coat.

Recommended Use : Koramel Undercoat is usually used in conjunction with KCC alkyd gloss & semi gloss enamel decoration of interior and exterior homes woodwork / timber finishing. It is widely used for the construction and housing industries for the painting of wooden doors, fencing, wall panelling, roof fascias and other wood / timber finishing application.

Technical Information

Vehicle Type	: Alkyd Resin
Finish	: Matt
Component	: Single pack
Color	: White
Volume Solids	: 50%
Drying By	: Solvent Evaporation, Oxidation
Flash Point	: 35 deg. C
Specific Gravity	: 1.55
Dry Film Thickness (Dft)	: 30 - 40 microns / coat
Viscosity (ASTM D-562)	: 110 KU (±5)
Shelf Life	: Minimum 1 year - unopened

Application Details

Apply Over	: Prepared Substrates / Wood Works
Primer / Topcoat	: Refer to KCC recommendation
Application Methods	: Brush / Roller / Spray
Wet Film / Coat	: Approx. 70 - 80 microns
Dry Film / Coat	: Approx. 35 - 45 microns
Drying Time	: Touch 60 mins Recoat 120 mins
Theo. Spreading Rate	: Approx. 14 m ² / litre*, may vary depending on roughness and porosity of substrates
No of coats	: 1 - 2 coats
Clean Up	: Thinner 51
Packaging	: 1.0 / 5.0 litres

* When estimating paint quantity, please make provision for spray or application losses since spreading rate may vary depending on the surface roughness and porosity of the substrate.

Surface Preparation

New Timberworks

Timber substrate must be sound and free from dirt, grease and any contaminations. Scrap off all loose wood work and all protrusions shall be round-off. Fill nail-holes and minor imperfections with an appropriate wood putty, sand smooth with #320 sandpaper.

Previously Painted Surface

All loose or defective paintwork or powdery residues shall be thoroughly removed by high pressure water jet cleaning. Treat any areas affected by mould, lichens, algae and moss with "KCC Fungicidal Solution" and make good defective areas.

Typical Painting System

<u>Substrate</u>	<u>1st coat (Sealer)</u>	<u>2nd coat (Undercoat)</u>	<u>Finishing (2 Coats)</u>
Timber / Woodworks	Alkyd 151AL	Koramel UC	Hi-Gloss / Koramel
Previously Painted Surface	Not Necessary	Koramel UC	Hi-Gloss / Koramel

Application

Stir thoroughly to a uniform consistency before use. Thinning is normally not necessary, however if required except for absorbent surfaces and better workability, thin with a small quantity of thinner maybe added.

Suitable for application by brush, roller or spray. Apply paint evenly by brush or roller, and avoid any missing areas. Spraying is recommended, and typical equipment, especially airless spray should employ a fluid tip / needle size at least 0.021".

Cleaning

Remove as much product as possible from application equipment before cleaning. Clean equipment immediately after use with solvent and rinse thoroughly. Do not empty product into drains or watercourses. Replace lid firmly.

Technical Services

KCC maintains a technical division to investigate and advise on all problems related to our product application. The division will advise on the correct selection of and specification for the required painting system. Contact the division through KCC Sales department.

Safety Precaution

- This product is flammable.
- Ensure good ventilation during application and drying.
- Avoid contact with skin and eyes.
- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- After contact with skin, wash immediately with plenty of soap and water.
- When spray, do not breathe in spray mist, wear suitable respiratory protective equipment.
- Keep out of reach of children.

Disclaimer : The above information is given to the best of our knowledge based on laboratory testing and practical experiences. The information in this data sheet may be subject to changes from time to time and without notice due to production refinements arising from continuing research and evaluation programmes, which may occasionally result in marginal changes in the coating properties.