



TECHNICAL DATA SHEET

[Alkyd 131UC]

Alkyd Wood Undercoat

PRODUCT DESCRIPTION

Alkyd 131UC is a premium alkyd solvent based for wood undercoat. It provides high film build, effectively seals off porous wood surfaces, and provides a smooth base for subsequent enamel top coats.

- ▶ Fast dry.
- ▶ Good covering ability and stain blocking.
- ▶ Good flow, levelling and sand-ability.
- ▶ Create high lustre to subsequent finishing coat.

DESIGN USE

○ As an undercoat and intermediate coat for wood and timber substrates.

PHYSICAL DATA

VOLUME SOLIDS	44 ± 2%
DRY FILM THICKNESS (DFT)	35 µm / Coat
NUMBER OF COATS	1
THEORETICAL COVERAGE	12.5 m ² /L/coat
FINISH	Matt
COLOUR RANGE	White and Off-White
NO. OF COMPONENTS	1
STANDARD PACKING SIZE	5L, 20L

RECOMMENDED PAINTING SYSTEM

Substrate: Timber and Wood

<u>System</u>	<u>Product</u>	<u>No. of Coats</u>
Undercoat	Alkyd 131UC	1
Finish	Hi-Gloss / Satin Gloss Enamel / Lustrex	2

Substrate: Previously Painted Timber and Wood

<u>System</u>	<u>Product</u>	<u>No. of Coats</u>
Undercoat	Alkyd 131UC	1
Finish	Hi-Gloss / Satin Gloss Enamel / Lustrex	2

APPLICATION METHOD

Brush, Roller or Spray application

* Stir the contents thoroughly before use. Thinning is normally not necessary.

However, if required for better workability, do not exceed 5% dilution ratio. Clean up equipment with thinner immediately after use.

* Light sanding with fine grit sand paper into a smooth and uniform undercoat finishing prior top coating. (to enhance the final finishing of top coat)

DRYING TIME

Substrate Temperature	Touch Dry	Hard Dry	Overcoating Interval	
			Minimum	Maximum
15°C	40 minutes	4H	5H	-
25°C	20 minutes	2H	3H	-
35°C	8 minutes	1H	1H	-

ADDITIONAL INFORMATION

Thinner	Thinner 51
Thinning Ratio	5% maximum
Cleaning Solvent	Thinner 51
Flash Point	35°C
Storage Requirements	Cool, dry and well ventilated area away from heat and direct sunlight(5~35°C). Lid must be kept tightly closed

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**SURFACE
PREPARATION**

New Wood Substrates

- ◆ All new surfaces should be dry and free from dirt, grease and other contaminants.
- ◆ A light sanding with suitable abrasive material is recommended before application to smoothen the surface.
- ◆ All loose and flaking coatings should be removed and taken back to a firm edge.

Previously Painted Surfaces

- ◆ If fungus, algae, and moss is present, treat with "KCC Fungidal Solution"
- ◆ Make good minor defects with an appropriate suitable putty sealant.
- ◆ For overcoating over old coatings, a high pressure water jet cleaning should be performed to remove all loose or defective paintwork or powdery residues.

Application conditions

- ◆ Ensure the surface is completely clean and dry.
- ◆ Ensure well air ventilation in the application environment.
- ◆ Ensure the surface temperature at least 3°C above dew point temperature.

Remark

- ☞ Always conduct an application point test on small area. Check for any abnormalities and paint defects prior to painting.
- ☞ This product should only be applied over wood and timber substrate.
- ☞ Avoid excessive thinning as it will results in colour difference, poor hiding power, poor finishing, and overall paint performance compromised.
- ☞ Always follow TDS recommended coating thickness and ensure uniform application thickness. Inconsistent film thickness will results in difference sheen level and unpleasant finishing.
- ☞ It is recommended to paint the same colour with same batch number, using same painting equipment and method and also follow instructed thinning ratio to ensure consistent painted finishing.
- ☞ Recommended to paint according to TDS and Application guide.
(Please consult with KCC customer service for any inquiries or browse to our website www.kccpaint.com.my)

**SAFETY
PRECAUTIONS**

- ☉ Ensure adequate ventilation during application and drying.
- ☉ Avoid contact with eyes and skin.
- ☉ In case in contact with skin, wash immediately with plenty of soap and water.
- ☉ During spray application, do not breath in mist and wear suitable respiratory protective equipment.
- ☉ Keep out of reach of children.

FIRST AID

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|-------------------|-----------------------------------------------------------------|
| Eyes | Rinse immediately with plenty of water and seek medical advice. |
| Skin | Wash immediately with plenty of soap and water. |
| Inhalation | Remove to fresh air, loosen collar and keep patient rested. |
| Ingestion | DO NOT INDUCE VOMITING. Obtain medical attention. |

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.