



**ILVA Klima
Unico
Penetrating
Isolator, Sealer
and Topcoat 3
in 1 High
Performance
Exterior Timber
Coating
Specification –
HTMBseries**

**Water base single component clear and
coloured isolator / sealer / topcoat -
HTMBseries**

FEATURES and BENEFITS :

- A long lasting, easy to use and highly efficient water based coating
- Low VOC, low odour, environmentally friendly
- This is a 3 in 1 coating, no need for other products
- Can be applied with brush, roller or spray gun
- U.V. resistant, long life and colour retention
- Fast drying mono component
- Water cleanup, easier for you, better for the environment
- Suitable for all exterior timber (not to be used for decking or stairs)

Gloss Levels Available: Matt, Satin, Gloss

This guideline must be read in its entirety and be fully understood prior to commencing product application.

Step 1

Surface Preparation: Sand surface using 180 grit sandpaper, followed by 240 grit sandpaper to help minimise open grain ensuring that sufficient coating remains on top of the substrate. Ensure that the surface is free of dust and contaminants. Previously coated timbers should have coating removed. If this is not possible sand with 180/240 grit and try a test patch to check for adhesion. Shake product well before use. Best practice is to strain before application due to high solid nature of the product. Use Good Quality Synthetic brush and 4-6mm microfibre roller. It is recommended to lay off (brush out) after applying with roller to work product into grain. Product can be sprayed using airless gun with tip size 5/15-5/17.

Step 2

Application of Klima Unico HTMB Series 3 in 1 Isolator/Sealer/Topcoat: Apply 1 coat of HTMB series as follows: Coverage 1Litre/10-12m². 995mls of HTMB, 5mls max of distilled or natural water.

Step 3

Sanding / 2nd Coat of Klima Unico HTMB Series: Lightly sand after drying for a minimum of 4 hours in well-ventilated conditions at 20°C and 50% relative humidity using 240-320 grit sandpaper. Apply 1 coat HTMB05 sealer/topcoat as follows: 995 mls of HTMB05series sealer, 5 mls max of distilled or natural water.



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Step 4

Sanding Unico HTMBseries (if required): Lightly sand after drying for a minimum of 4 hours in well ventilated conditions at 20°C and 50% relative humidity using 240-320grit sandpaper.

Step 5

Application 3rd coat Unico HTMB Series: Apply topcoat as follows: 995 mls of HTMB05 Series, 5mls of Distilled or natural water. Touch dry 90 minutes, hard dry 5 hours. Full cure 24 hours.

The HTMBseries WB system is for the protection of exterior timber, not to be used for decking or stairs or any surface exposed to hard wear.

- All sanding use free-cut or film disc sanding paper.
- All drying, sanding and re-coating schedules are based on 20 degrees Celsius and 50% humidity and must be performed in a well-ventilated area.
- Ensure that your surface is free of dust and contaminants prior to coating.
- All safety measures should be taken in accordance with Technical Data Sheets (TDI), Material Safety Data Sheets (MSDS) and local laws.
- Other products should not be interchanged with those outlined in this specification.
- This specification sheet is a general guide for application only and does not replace the Technical Data Sheets (TDI).

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Substrate: The HTMB system is suitable for most timbers and veneers. (Please check with your timber merchant or your paint supplier if the water-base coating will be suitable for the substrate you choose).

Cleaning: Wash all equipment in warm soapy water then rinse with fresh water.

IMPORTANT INFORMATION

Do not exceed maximum thickness per coat of product. All mixing ratios are according to volume or weight. Thinning is a guide and is variable depending on application type and desired effect.

Many factors can influence the coating process (eg mixing ratios of products, allowable film thickness per coat and drying times, etc) These factors include but are not limited to environmental variables, timber species, substrate quality, and quality of surface preparation and product application. If you are in doubt regarding how variables can affect the application process, then please contact us prior to commencing product application. The steps outlined herein are intended as a general guide only and are given without prejudice.