



**ILVA**

**ILVA Aquatech  
2k Water Base  
Timber Flooring  
Coating System  
Specification -  
TW64series**

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**Water base two part component  
clear sealer / topcoat -  
TW64series**

**FEATURES and BENEFITS:**

- This high-quality high build Italian water base clear coating has excellent filling power. High surface hardness and excellent Clarity.
- Excellent abrasion and chemical resistance.
- 1 product only needed, sealer and topcoat.
- The water base clear finish is noted for its low odour, no off-gassing, no flammability properties. It meets the green environmental standards, and ultra-low VOC's
- Available in Super Matt, Matt, Satin & Semi-Gloss.
- Excellent resistance to yellowing, applies opaque & dries to a perfectly clear finish.
- Moisture resistant for a wider range of applications.
- Water cleanup, easier for you, better for the environment.
- Brush, roller, and spray applications.
- Suitable for timber and parquet floors, internal doors / skirts & architraves / internal windows/cupboards/furniture/veneer panels/bannisters and handrails / bookshelves.

**Gloss Levels Available: 5% Super Matt, 10% Matt, 30% Satin, 60% Semi-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 floors 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.

**Step 2**

**Application of Ilva Aquatech TW64series Clear Sealer/Topcoat:** Apply a coat of TW64 series as follows: Coverage 1Litre/10-12m<sup>2</sup>. Use 1000mls of TW64series, 100mls TXW13 Hardener and 50mls max. of distilled or natural water. Use a good quality brush to cut in edges and 10-11mm nap microfibre roller for larger areas. Roll in direction of the grain and maintain wet edge.

**Step 3**

**Sanding / 2nd Coat of Ilva Aquatech TW64series:** Lightly sand after drying for a minimum of 4 hours in well ventilated conditions at 20°C and 50% relative humidity using 320 grit sandpaper. Apply 1 coat TW64series sealer/topcoat as follows: 1000 mls of TW64series, 100 mls TXW13 Hardener and 50 mls max. of distilled or natural water.



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**Step 4**

**Sanding Aquatech TW64Series (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 of 3rd coat Ilva Aquatech TW64Series Clear Topcoat:** Apply clear topcoat as follows: 1000 mls of TW64series, 100 mls TXW13 Hardener and 50 mls max. of distilled or natural water. Touch dry 90 minutes, hard dry 5 hours, full cure 48 hours.

**The TW64series water based system is for the protection of timber in normal day to day use where some indoor filtered sunlight exposure is expected but not direct sunlight exposure for any extended period. Specified 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 brushes 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.**

- All sanding use sheet paper or 150mm sanding discs
- All drying, sanding and recoating 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), Safety Data Sheets (SDS) 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).

Many factors can influence the coating process (e.g. 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.