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1/2

ILVA Technofinish Clear Acrylic Urethane Specification TF1001

Coating Specified

- Technofinish Acrylic Urethane Clear Sealer ILVA TA15 (Part A)
- Technofinish Acrylic Urethane Clear Top Coat ILVA TS Series (Part A)
- Technofinish Acrylic Hardener ILVA TX90 (Part B)
- Technofinish UV Additive ILVA PX1705

Gloss Levels Available

0% Flat / 5% Matt / 25% Satin / 60% Semi-Gloss. For the best results and best low yellowing/minimal greening protection and high scratch and solvent resistant finish where some indoor filtered sunlight exposure is expected use the ILVA POLIMERI Technofinish coating specification TF1001 as follows.

Features & Benefits

- High Quality Italian made durable two pack acrylic urethane coating system providing good yellowing and greening resistance.
- Formulated with built in U.V. inhibitor. Offering some U.V. protection. *Note: For indoor filtered U.V. exposure only, not direct sunlight exposure for any extended period.*
- Outstanding dry film clarity and silky-smooth finish enhancing the beauty of solid & veneer timbers.
- Hard wearing and easy to keep clean.
- Excellent chemical, scratch and water resistance (non-immersion)
- The Technofinish system is suitable for many internal commercial and retail shopfitting, joinery and furnishing projects, and wall panelling (away from direct sunlight).

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

Step 1
Check substrate

Determine which type of timber species is to be coated and whether the substrate is solid timber, natural or reconstituted veneer. Ensure that the substrate is of suitable quality and condition to be coasted, including moisture content.

Ensure that the working environment and all equipment are in good working order and free of contaminants.

Step 2
Surface Preparation

Sand surface using 150 – 240 grit sandpaper and ensure that the surface is free of dust and contaminants.

Step 3
Application of ILVA Technofinish TA15 Acrylic Urethane Clear Sealer

Apply a double pass sealer coat—150 grams/m2 of TA15 sealer as follows:

- One kilo of TA15 sealer
- 200 grams TX90 hardener
- 500 grams TZ35 thinner
- 20 – 30 grams PX1705 UV Additive

Step 4
Cutting Back / 2nd Coat of ILVA Technofinish TA15 Acrylic Urethane Clear Sealer (Optional)

Lightly sand after drying for two hours in well ventilated conditions at 20°C and 50% relative humidity using P240 grit sandpaper.

Apply a double pass sealer coat—150 grams/m2 each coat by adequate flash off time between coats as follows:

- One kilo of TA15 sealer
  200 grams TX90 hardener
- 200 – 250 grams TZ35 thinner
  20 – 30 grams PX1705 UV Additive

Step 5
Cutting Back TA15 Acrylic Urethane Clear Sealer

Lightly sand after drying for two hours in well ventilated conditions at 20°C and 50% relative humidity using P320 grit sandpaper.

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For more information about Elton Group and our range of interior architectural products please visit eltongroup.com

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2/2

Step 6
Application ILVA Technofinish TS Series Acrylic Urethane Clear Topcoat
Apply a double pass top coat—130 grams/m² each coat of the TS Series topcoat by adequate flash off time between coats as follows:

- One kilo of TS Series topcoat
- 200 grams TX90 hardener
- 250 – 300 grams TZ35 thinner
- 20 – 30 grams PX1705 UV Additive

The TF 1001 system is for the protection of veneers in normal day to day use where some indoor filtered sunlight exposure is expected but not direct sunlight exposure for any extended period.

Substrate:
Veneered board

Important Notes
- Do not exceed maximum thickness (weight) per coat of product.
- All mixing ratios are according to weight.
- All sanding uses free-cut or film disc sanding paper.
- 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), 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).

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. They do not replace the information outlined in the Technical Data Sheet supplied by IVM Chemicals Group.

This information is provided by *Superior Timber Coatings.* For further information please contact your Superior Timber Coatings Technical Consultant or email: *sales@stcoatings.com.au*

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