Superior Timber Coatings
Coat with Confidence

ILVA

ILVA Aquatech Water Base Pigmented Coating Specification - PW 710WB

Water base single pack White Primer- ILVA WBS503

Water base single / two pack pigmented topcoat-ILVA PW710 Series

FEATURES and BENEFITS:

- This high-quality Italian made single pack/Bi-Component water base pigmented coating has very good filling power. Good surface hardness and good chemical resistance.
- The water base pigmented finish is noted for its low odour, no off gassing, no flammability properties. It meets the green environmental standards, and ultra-low VOC's
- Outstanding dry film clarity and silky-smooth finish enhancing the beauty finishes.
- Water base pigmented finishes are suitable for many internal commercial & retail shopfitting, joinery and furnishing projects. (As a two pack, it's required to be used in wet areas such as: Kitchens, Bathrooms & Laundries).

Gloss Levels Available: 10% Matt, 20% Low Satin, 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.

Step 2

Application of Ilva Aquatech 1K WBS503 White Primer: Apply a double pass primer coat-150 grams/m² of WBS503 white primer as follows:
100 grams of WBS503 primer:
5-15%: Distilled or natural water

Step 3

Cutting Back/2nd Coat of Ilva Aquatech 1K WBS503 White Primer : Lightly scuff after drying for a minimum of 3 hours in well- ventilated conditions at 20°C and 50% relative humidity using 400 grit sandpaper. Apply a double pass primer coat-150 grams/m² of WBS503 white primer: 100 grams of WBS503 white primer. 5-15%: Distilled or natural water.

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Step 4

Cutting Back Aquatech 1/2K PW710 Series Pigmented Topcoat : Lightly sand after drying for a minimum of 3 hours in well-ventilated conditions at 20°C and 50% relative humidity using 400-500 grit sandpaper. (You will need to undercoat again If you have any rub throughs).

Step 5

Application Ilva Aquatech 1/2K PW710 Series Pigmented Topcoat: Apply a double pass finishing coat- 150 grams/m² of PW710 Series pigmented topcoat as follows:- 100 grams of PW710 Series Pigmented Topcoat: 5-15%: Distilled or natural water.

Step 6

Cutting Back/2nd Coat of Ilva Aquatech 1/2K PW710 Series Pigmented Topcoat (Mid Dark / Dark / Bright/Vibrant Colours): Lightly scuff after drying for a minimum of 2 hours in well-ventilated conditions at 20°C and 50% relative humidity using 500 grit sandpaper.

Step 7

Application Ilva Aquatech 1/2K PW710 Series Pigmented Topcoat (Mid Dark / Dark/Bright Vibrant Colours) : Apply a double pass finishing coat - 150 grams/m² of PW710 Series pigmented topcoat as follows:- 100 grams of PW710 Series Pigmented Topcoat: 5-15%: Distilled or natural water.

The PW710WB water-based system is for the protection of normal day to day use where some indoor filtered sunlight exposure is expected but not direct sunlight exposure for any extended period.

Gun Cleaning: Please make sure you clean your spray gun in the correct manner to ensure no damage occurs to your equipment.

Force Dry: If force drying any water base coating, please ensure air flow goes briskly across the surface and not by down forced air. Down force air will push moisture back into the coating. This will extend the dry / cure times.

IMPORTANT INFORMATION

➢ Do not exceed maximum thickness (weight) per coat of product. All mixing ratios are according to weight.

➢ All sanding uses free-out 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), 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. They do not replace the information outlined in the Technical Data Sheet supplied by IVM Chemicals Group.

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