



ILVA TO9series  
Premium Clear  
Polyurethane  
Specification -  
TO9series

**Polyurethane Clear Sealer - ILVA TA48 (Part A)**

**Polyurethane Clear Sealer Hardener - ILVA TX11 (Part B)**

**Premium Polyurethane Clear Top Coat-ILVA TO9Series (Part A)**

**Hardener – ILVA TX50 (Part B)**

**FEATURES and BENEFITS:**

- High quality high build Italian made two pack premium grade polyurethane coating suitable for wall panelling, bar tops, furniture and kitchen panels.
- Outstanding dry film clarity and silky-smooth finish enhancing the beauty of solid & veneer timbers
- Thixotropic qualities for excellent verticle hold for furniture.
- Protects timber from the aggression of domestic cleaning liquids and ensures the utmost resistance to detergents that are necessary for the hygiene of kitchens
- Unlike other common two pack polyurethanes, these products do not powder up easily when scratched, eliminating unsightly white scratch marks.
- High resistance to dry heat and humid heat, ensuring protection of surfaces even in extreme conditions.
- Excellent gloss retention, water resistance (non-immersion) and chemical resistance

Gloss Levels Available : 10% Matt, 30% Satin, 65% 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 120-180 grit sandpaper and ensure that the surface is free of dust and contaminants.

**Step 2**

**Application of Ilva TA48 Polyurethane Clear Sealer:** Apply 2 coats wet on wet (1 coat flash off 15-20mins, then apply 2nd coat). Coverage 1litre/6m<sup>2</sup> of TA48 sealer as follows: 500mls of TA48 sealer, 250mls TX11 or TX50 hardener, 250 mls TZ35 med/fast thinner (TZ13 slow thinner in hot or humid conditions). Gravity or suction fed gun 1.8 to 2.0mm set up. Airmix gun tip 09.094 airless 4/11

**Step 3**

**Sanding / 2nd Coat of Ilva TA48 Polyurethane Clear Sealer (Optional):** Lightly sand after drying for 4 hours in well ventilated conditions at 20°C and 50% relative humidity using 240-320 grit sandpaper. Apply 2 coats wet on wet (1 coat flash off 15-20mins, then apply 2nd coat) coverage 1litre/6m<sup>2</sup> of TA48 sealer as follows: 500 mls of TA48 sealer, 250mls of TX11 or TX50 hardener with 250 mls TZ35 med/fast thinner (TZ13 slow thinner in hot or humid conditions)



**ILVA**

**ILVA TO9series  
Premium Clear  
Polyurethane  
Specification -  
TO9series**

Page 2 of 2

**Step 4**

**Sanding TA48 Polyurethane Clear Sealer:** Lightly sand after drying for 4 hours in well ventilated conditions at 20°C and 50% relative humidity using 240-320 grit sandpaper.

**Step 5**

**Application Ilva TO93Series: Apply 2 coats wet on wet (1 coat flash off 15-20mins, then apply 2nd coat. Coverage:** 1litre/6m<sup>2</sup> each coat of the TO93Series topcoat, 500mls of TO93 Series, 250 mls TX50 and 250mls TZ35 med/fast thinner (TZ13 slow thinner in hot or humid conditions). Gravity or suction fed gun 1.8 to 2.0mm set up. Airmix gun tip 09.094 airless tips 4/11.

**The TO9series 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.**

**Substrate:** The TO9series specified system is suitable for most timbers and veneers, but not for reconstituted veneers. (STC's TF1001 Acrylic Urethane system is the recommended specification for reconstituted veneers.)

**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.