

# ILVA TECHNICAL DATA SHEET

**PRODUCT CODE:** TP 800

**DESCRIPTION:** CLEAR WET-LOOK 2K POLYURETHANE CONVERTOR FOR TINTOMETRIC

**USES:** Glossy deep tone color base for cabinets, furnitures, mouldings, caskets. High coverage and "wet-look" appearance. Intended to be tinted with PZ3xx color pastes.

<b>PRODUCT PREPARATION:</b>		<u>Parts by weight</u>	<u>Parts by volume (ounces)</u>
TP800	Gloss Poly Tinting Convertor	100	128
TX75	Hardener*	60	80
TZ13	Thinner (slow)**	40-50	51
	*or TX72 faster cure, slight effect on sheen	72	96
	**Use TZ4223 in hot, humid weather		

**APPLICATION SYSTEM:** Spray

**QUANTITY(grsq mt):** 140 - 160 grs/sqmt) (5.6-6.4 wet mils)

**COATS:** One or Two

<b>GENERAL PROPERTIES:</b>		
Specific Gravity, gr/cc		1.00 +/- .02
Solid Content I component		53% +/-2%
Solid Content II component		34% +/-2%
Viscosity (Ford Cup 6) @20°C		34 sec +/-2 sec

<b>READY TO USE FEATURES:</b> Solid content I + II components	48% +/- 2%
Pot Life:	3 - 4 h @20°C / 68F
Viscosity (DIN 53211 mm4)@20°C	13 sec +/-2 sec

<b>DRYING TIME:</b> (at 20°C/68°F)	Drying schedule at room temperature	24 hours minimum
	Buffing:	48-72 hours for polishing /buffing
	Time between coats without sanding	3-4 hrs

**TYPICAL SYSTEMS:**

Substrate: MDF or wood

Sealer (example 1) PI40/TV72/TV84 2-3 coats white polyester sealer.  
-24 h drying-sanding-150 gr/sqmt per coat (6 wet mils)

Sealer (example 2) PA20 or PA70 White or tinted (1 or 2 coats)

Sealer (example 3) TA48 tinted to color (1 or 2 coats)

Finish: TP800+PZ3xx series - one normal coat  
TP800+PZ3xx series - one normal coat then after waiting 3- 4 hours without sanding: apply 2nd coat. If outside the 4 hour window, must wait overnight, sand with 320, then apply 2nd coat. The product after minimum 48 hrs can be polished by light sanding/buffing + wax/ flexible + polish or only with polish. For the best polishing and filling results the most suitable sealer, especially if the substrate is MDF, is polyester, to be sanded with abrasive grain 280-320-400

If the first coat of TP800 is sanded, the second coat can be applied after 1 or more days. Dilution is very important to optimize the application result:

Curtain: dilute with TZ35 - during summertime and in case of high humidity it is recommended to use TZ35/TZ14 in a ratio of 70/30. Maintain viscosity between 16" and 25" (F4). Use Cuno filter 75 micron to optimize bubbles release

Spray: dilute with TZ13. During summertime and in case of high temperature, it is recommended to use TZ4223; during wintertime use a mixture of TZ13/TZ35.

**SHELF LIFE:** 18 months

**STORAGE:** Store in a tightly closed container at room temperatures (18 -25 °C/64 -75 °F) and protect from moisture and foreign material.

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