

## ILVA TECHNICAL DATA SHEET

**PRODUCT CODE:** TO975/SERIES

**DESCRIPTION:** "DIAMANTE" HIGH SCRATCH RESISTANT CLEAR POLYURETHANE

**USES:** FLAT AND ASSEMBLED FURNITURE, TABLES, DESKS. Not recommended over light woods or stains.

<b>PRODUCT PREPARATION:</b>	<u>Parts by weight</u>	<u>Parts by volume (ounces)</u>
TO975/gloss	100	128
TX70	50	64
TZ425 Thinner	10 - 30	10-30

**APPLICATION SYSTEM:** Spray, airless, and air mix, for open and closed pore.

**QUANTITY:** 120 - 140 per coat (gr. sq.mt.) (4.8-5.6 wet mils)

**COATS:** Only one coat is recommended

<b>GENERAL PROPERTIES:</b>	Specific Gravity, gr/cc	.954	+/-0.02
	Viscosity*	40	+/-2 sec.
	Application Viscosity*	16	+/-2 sec.
	Solids by Weight, %, as supplied	35	+/-2
	Solids by Weight, %, ready to use	31	+/-2
	Pot Life, hours at 20°C/68°F	>5 hours	
	*ASTM D1200 (Ford) #4 at 20°C/68°F		

<b>DRYING TIME:</b>	At 20°C	18 hours
	With tunnel at 50°C	40-50' (10' cooling)

<b>AVAILABLE SHEENS:</b>	TO9750	90°+Deg. Gloss
	TO9751	65 Deg. Gloss
	TO9752	50 Deg. Gloss
	TO9753	35 Deg. Gloss
	TO9754	25 Deg. Gloss
	TO9755	15 Deg. Gloss
	TO9757	5 Deg. Gloss

**TYPICAL SYSTEMS:**

Substrate:	Various woods
Stain:	Solvent based stain
Sealer:	TA polyurethane clear sealer or TG, TC, polyester clear sealer
Finish:	TO 975/gloss clear matt finish

Additional coats of polyurethane topcoat are not recommended. If necessary spray the additional coat wet on wet in the time window of 90 minutes to 3 hours after the original coat. If recoating is necessary after 3 hours, sand extremely well with 320 paper first.

**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.

**DATE OF ISSUANCE:** 03-97 Revised 12-13, 5-16, 10-17, 7-20, 12-20

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