

ILVA TECHNICAL DATA SHEET

PRODUCT CODE: TO 9/Series

DESCRIPTION: Polyurethane Clear Finish

USES: Polyurethane clear topcoats, suitable for open and closed grain systems, for flat panels and assembled furniture. This finish exhibits good flow and leveling on verticle applications.

PRODUCT PREPARATION:		<u>Parts by weight</u>	<u>Parts by volume (ounces)</u>
	TO9/series Polyurethane Clear Finish	100	128
	TX24* Hardener	50	64
	TZ13 Thinner	30	10-30

*TX50 for slightly faster cure and hardness. TX75 for non-yellowing properties, at 40 parts by weight, 50 by volume

APPLICATION SYSTEM: Air Assisted, Conventional, or Electrostatic Spray

QUANTITY: 100 - 120 per coat (gr. sq. mt.) (4-4.8 wet mils)

COATS: One

GENERAL PROPERTIES:	Specific Gravity, gr/cc	1.00 +/-0.05
	Viscosity*	24 +/-2 sec
	Solids by Weight, %, as supplied	46 +/-1
	Solids by Weight %, catalyzed	39 +/-1
	Pot Life, hours at 20°C/68°F	2- 4 hours

*DIN 53211 Nr 6 @20°C/68°F

DRYING TIME: To handle: 18 Hours

AVAILABLE SHEENS:	TO 00	100 Deg. Gloss
	TO 91	65 Deg. Gloss
	TO 92	50 Deg. Gloss
	TO 93	30 Deg. Gloss
	TO 94	20 Deg. Gloss
	TO 95	15 Deg. Gloss
	TO 96	10 Deg. Gloss
	TO 97	5 Deg. Gloss

TYPICAL SYSTEMS: Substrate: Various woods

Color:	PF 5 Series Stain	
Sealer:	TA44/TX11/TZ33	1- 2 coat
Finish:	TO 9 Series	

Types of diluents for spray application:

TZ33	Medium diluent to be used during winter time
TZ13	Medium/slow diluent to be used during summer time
TZ14	Slow diluent to be used as retarder in addition to the other diluents
TZ4223	Slow diluent to be used during hot, humid summer period.

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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