

ILVA TECHNICAL DATA SHEET

PRODUCT CODE: PL 50

DESCRIPTION: Polyurethane White Satin Finish

USES: Polyurethane white matte topcoats, suitable for open and closed grain systems, for flat panels and assembled furniture.

PRODUCT PREPARATION:	<u>Parts by weight</u>	<u>Parts by volume (ounces)</u>
PL50 Polyurethane White Matte	100	128
TX75 Hardener (non-yellowing)	40	64
TZ13 Thinner	15-30	30

APPLICATION SYSTEMS: Airless, air-assisted, conventional spray.

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

COATS: One

GENERAL PROPERTIES:		
Specific Gravity, gr/cc		1.28 +/- 0.05
Viscosity*		85 +/- 2 sec
Application Viscosity*spray		10 +/- 2 sec
Solids by Weight, %, as supplied		62 +/- 2
Solids by Weight, %, ready to use		40-45
Pot Life, hours at 20°C/68°F		3

* ASTM D1200 (Ford) #4 at 20°C/68°F

DRYING TIME: (at 20°C/68°F)	To handle:	1 hour
	To stack:	Over night

AVAILABLE SHEENS: PL50 25-30 Sheen

TYPICAL SYSTEMS: Substrate: MDF (closed grain), Ash (open grain)

Open Grain Finish

PA20/TX50	1 coat	120 gr/sq mt. (4.8 wet mils)
PL50/TX75	1 coat	120 gr/sq mt. (4.8 wet mils)

Closed Grain Finish

TF25/TV19	1 coat	40 gr/sq mt (1.6 wet mils)
PI40/TVS5AA1/TV84	2-3 coats	150/200 gr/sq mt (6-8 wet mils)
PL50/TX75	1 coat	120 gr/sq mt. (4.8 wet mils)

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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