

# ILVA TECHNICAL DATA SHEET

**PRODUCT CODE:** PL 80

**DESCRIPTION:** Acrylic - urethane matte finish, pigmented white

**USES:** Acrylic-urethane white matte topcoats, suitable for open and closed grain systems, for flat panels and assembled furniture. Maximum yellowing resistance.

<b>PRODUCT PREPARATION:</b>		<u>Parts by weight</u>	<u>Parts by volume (ounces)</u>
	PL80 Acrylic-urethane matte finish white	100	128
	TX90 Hardener	25	40
	TZ13 Thinner*	20	0-64
	*Use TZ4223 in hot, humid weather		

**APPLICATION SYSTEM:** Spray

**QUANTITY(grsq mt):** 120 - 140 per coat (4.8-5.6 wet mils)

**COATS:** One

<b>GENERAL PROPERTIES:</b>	Specific Gravity, gr/cc	1.16 +/- 0.05
	Viscosity*	30 +/- 2 sec
	Application Viscosity**	15 +/- 2 sec
	Solids by Weight, %, as supplied	45 +/- 2
	Solids by Weight, %, ready to use	49 +/- 2
	Pot Life, hours at 20°C/68°F	3
	* DIN 53211 Nr.6 at 20°C/68°F	
	** DIN 53211 Nr.4 at 20°C/68°F	

<b>DRYING TIME:</b> (at 20°C/68°F)	To handle:	1 hour
	To stack:	24 hours minimum

<b>AVAILABLE SHEENS:</b>	PL80	35 Sheen
	PL1W06	25 Sheen
	PL1W05	5 Sheen

**TYPICAL SYSTEMS:** Substrate MDF(closed grain), ash(open grain)

**Open Grain Finish**

PA20/TX50	One coat	120 gr/sq.mt.(4.8 wet mils)
PL80/TX90	One coat	120 gr/sq.mt.(4.8 wet mils)

**Closed grain finish**

TF25/TV19	One coat	40 gr/sq.mt. (1.6 wet mils)
PI40/TVS5AA1/TV80	Two/three coats	150 - 200 gr/sq.mt. per coat (6-8 wet mils)
PL80/TX90	One 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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