

ILVA TECHNICAL DATA SHEET

PRODUCT CODE: PL 59

DESCRIPTION: Polyurethane Satin Finish, Black

USES: Polyurethane matte topcoat suitable for open pore systems. Quick drying, can be cured with hot air ovens or at room temperature.

PRODUCT PREPARATION:	<u>Parts by weight</u>	<u>Parts by volume (ounces)</u>
PL59 Polyurethane matte finish	100	128
TX50 Hardener	50	64
TZ13 Thinner	25	32

APPLICATION SYSTEM: Spray

QUANTITY(grsq mt): 120 - 130 (4.8-5.2 wet mils)

COATS: One

GENERAL PROPERTIES:	Specific Gravity, gr/cc	1.00 - 1.26
	Viscosity*	30 - 80 sec
	Application Viscosity*	15 +/- 2 sec
	Solids by Weight, %, as supplied	47 - 54
	Solids by Weight, %, ready to use	43 - 50
	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:	Overnight
	Vertical oven cycle:	
	Flash off	12 minutes
	45°C/113°F	45 minutes
	cooling	12 minutes

TYPICAL SYSTEMS: Substrate: Various veneers

Open pore		
PA39/TX19	1 coat	120 gr/sq.mt.(4.8 wet mils)
PL59/TX50	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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