

## ILVA TECHNICAL DATA SHEET

**PRODUCT SERIES:** KLIMA SERIES

**PRODUCT CODE:** TDS500

**DESCRIPTION:** Stain blocking isolator for exterior use with Klima Technology

<b>PRODUCT PREPARATION:</b>		<u>Parts by Weight</u>	<u>Parts by volume</u>
TDS500 Stain Blocking Isolator		100 parts	128 ounces
TX90 Hardener		40 parts	50 ounces
TZ33 Thinner for Spray		10-20 parts	12-25 ounces
TZ13 Thinner for Brush		10-20 parts	12-25 ounces

**USES:** Solvent Based clear isolator for substrates rich in tannins and resins. Use with ILVA Klima water based cycles clear and pigmented. For use with outdoor applications to stop bleeding

**APPLICATION SYSTEM:** Spray, Airless., airmix, brush

**FILM THICKNESS:** 5-6 mils wet

**COATS:** One

**GENERAL**

<b>PROPERTIES:</b>	Specific Gravity, gr/cc	.970+/- .020 g/ml
	Viscosity at application (Zahn #2)	25+/-2
	Pot Life	3 hours max with hardener added

<b>DRYING TIME:</b> (at 20°C/68°F)	At room temperature:	20 mins dust free
	Dry to touch	2 hours
	Hard dry at room temperature	24 hours
	Sandable to recoat (minimum after)	3 hours

**NOTES:** Apply PN tinted stain series or TN clear impregnator to the wood surface, selecting soft or hardwood series. When Impregnator is completely dry (min 2h), apply 1 coat of TDS500 stain blocker. Sand with 220 grit. Then apply 2/3 heavy coats of Klima topcoat TN931 series, or Klima PN6B or Klima pigmented coating. Klima top coats must have a total of 20 mils wet applied for maximum protection.

**SHELF LIFE:** 12 Months

**STORAGE:** Store in a tightly closed container at room temperatures (18 -25 °C/64 -75 °F) and protect from moisture and foreign material. Do not store at temperatures below 7°C (45°F).

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