

ILVA TECHNICAL DATA SHEET

PRODUCT CODE: TS18

DESCRIPTION: Acrylic-Urethane Ultra-Matte Clear Self-Sealer

USES: Developed to obtain ultra-matte aesthetic look of natural wood. Contains UV inhibitor. Is suitable for panels, furniture, etc.

PRODUCT PREPARATION:	<u>Parts by weight</u>	<u>Parts by volume (ounces)</u>
TS18 Acrylic Urethane Clear	100	128
TX90 or TX1939 Hardener	25	32
TZ4223 or TZ13NH or TZ780 Thinner	30-50	32

APPLICATION SYSTEM: Airless, air-assisted, OR conventional spray.

QUANTITY: 120-140 per coat (gr/sqmt) (4-6 wet mils)

COATS: Recommended to use as self-sealer. 1st coat, sanding, 2nd coat.

GENERAL PROPERTIES:		
Specific Gravity, gr/cc	.910 +/- .030	
Viscosity (EN ISO 2431) ISO 6 cup	54 +/-4	
Viscosity (DIN 53211 mm4)	80 +/-5	
Application viscosity (DIN 53211 mm4)	15 +/-2	
*Viscosity at 20°C, 68°F		

DRYING TIME: (at 20°C/68°F)		
Room temperature drying complete		18 h
Dust Free		10 min
Dry to touch		30 min
Dry hard		18 h
Stackable after room drying		12 h
Sandable after		4 h
Overcoatability time		24 h
Overcoatability time between layers		1 h
Maximum time between layers without sanding		3 h
Hot air stages tunnel drying (20-40-60°C/68-104-140°F complete drying)		2 h
Stackable after jet hot air drying		immediately

AVAILABLE GLOSSES: 4 Sheen (+/-2)

TYPICAL SYSTEMS:			
<u>System #1</u>			
Substrate:	various		
Stain:	with or without stain		
Sealer:	TS18	1 coat	
Finish:	TS18	1 coat	

<u>System#2</u>			
Substrate:	various		
Stain:	with or without stain		
Sealer:	TE-UV Sealer		
Finish:	TS18	1 coat	

SHELF LIFE: 18 months from date of manufacture

STORAGE: Store in a tightly closed container at room temperatures (18 -25 °C/64 -75 °F) and protect from moisture and foreign material.

DATE OF ISSUANCE: 06-13, Revised 12-13, 8-15, 5-16, 7-20, 12-20

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