

ILVA TECHNICAL DATA SHEET

PRODUCT CODE: TS168

DESCRIPTION: Acrylic-Urethane Velvet Diamond Finish

USES: Developed to obtain ultra-matte aesthetic look of natural wood. Contains UV inhibitor. Is suitable for panels, furniture, shelving, velvet touch and high scratch resistance.

PRODUCT PREPARATION:	<u>Parts by weight</u>	<u>Parts by volume (ounces)</u>
TS168 Acrylic Urethane Clear	100	128
TX168 Hardener	30	39
TZ4223 or TZ13NH	25	30

APPLICATION SYSTEM: Airless, airmix spray, conventional spray

QUANTITY: 100 - 120 per coat (gr sq mt)(4- 4.8 wet mils)

COATS: Recommended to use as final topcoat.

GENERAL PROPERTIES:	Specific Gravity, gr/cc	1.060 +/- .030
	Viscosity* (Ford 6 Cup)	20 +/- 2 sec
	Application Viscosity, ISO 4 cup	50 +/- 4 secs
	Solids Content by weight, topcoat	51.7 +/- 2%
	Solids Content, by weight, mixed	54.7 +/- 2%
	Pot Life (Maximum)	4 hours

DRYING TIME: Room temperature (18-22°C/64-72°F) 65-7-% relative humidity (also dependent upon type of thinner used):
 (at 20°C/68°F) Dust free 4 min
 Touch Dry 8 min
 Hard Dry 24 hrs

GLOSS LEVEL: 2 +/- 1

TYPICAL SYSTEMS:

System #1
 Substrate: various woods
 Stain: with or without stain
 Sealer: Use standard polyurethane sealer, such as TA44 or TA48, or Clear Polyester Sealer TG1323. TA0012 Acrylic Sealer is NOT recommended
 Topcoat: TS168 Velvet Diamond 2K Acrylic Urethane

System #2
 Substrate: various woods
 Undercoat: PA20 White Polyurethane Undercoat
 Color Coat: PL50 White Polyurethane to color
 Topcoat: TS168 Velvet Diamond 2k Acrylic Urethane

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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