

# ILVA TECHNICAL DATA SHEET

**PRODUCT CODE:** TW18

**DESCRIPTION:** WB CLEAR NATURAL EFFECT SELF SEAL

**USES:** Flat panels and kitchen doors. Fast drying, very good pore design, transparency and soft natural feel. To be used as a self-sealer with or without hardener. Hardener increases the chemical resistance properties.

**PRODUCT PREPARATION:**

TW18	W/B Clear Natural Effect Self-Sealer	100 parts by weight
TXW08/TXW13	Hardener	5 parts by weight
Water	Thinner	as needed (if necessary for application)

**APPLICATION SYSTEM:** Spray - see pg 29 for additional information

**FILM THICKNESS:** 2.5 - 4 wet mils

**COATS:** One or two

**GENERAL PROPERTIES:**

Specific Gravity, gr/ml	1.011 +/- 0.02
Viscosity* (ISO 6)	70 - 75 sec
Solids by Weight, %, as supplied (Part A)	17 +/- 2
Solids by Weight, % as supplied (Part B)	80 +/- 2
Pot Life using PU Hardener	5 - 6 hours

**DRYING TIME:** (at 20°C/68°F)

Drying schedule at room temperature	1 - 3 hours
Dry To Cure by warm air tunnel (25-40C)	90 minutes
Sandable	after 4 hours

Please note that drying times may change with varying temperatures, ventilation and relative humidity. In particular, good ventilation promotes hard dry and and best dry times for handling and stacking.

**TYPICAL SYSTEMS:**

Substrate:	Walnut/oak/multi-laminar woods
Stain:	PF5 Series
Sealer	TW18 (3-4 wet mils)
Topcoat:	TW18 - topcoat 5 sheen (3-4 wet mils) TXW08/TXW13 - 5%

**RECOMMENDATIONS:** Sand using 280-320 grit stearate paper or superfine sponges or maroon Scotchbrite between coats. May be recoated within one hour of drying without sanding. Avoid high pressure or reduce speed on powered sanding equipment to avoid overheating of the waterbased product and loading up sandpaper.

We recommend using stainless steel for all water-based products. If using both solvent and water-based products we suggest the following:

---from water to solvent: wash with water, then wash with solvent

from solvent to water, reverse the cycle. If you find it necessary to dilute the material we suggest using de-ionized water in order to avoid problems which may arise from a high concentration of salts.

Keep cans closed when not in use and wash all equipment well. Keep from freezing. Do not thin more than 10%.

**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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