

ILVA TECHNICAL DATA SHEET

PRODUCT CODE: PW710/Series

DESCRIPTION: WB WHITE 2K POLY TOPOAT

USES: Kitchen Cabinets (must use PU Hardener), Panels, Furniture. If used as a base for making pastel colors use PZ5xx series colorants and do not exceed 30% of pigmented paste.

PRODUCTION PREPARATION: PW710/Series W/B White 2K Polyurethane 100 parts by weight
TXW08/TXW13 Waterbase Hardener for PU 0-10 parts by weight
Water Thinner 5-10 parts by wt (if necessary for application)
This product may be used without the addition of any crosslinker or hardener. The addition of TXW02 Crosslinker at 1% will slightly improve resistance properties. Best chemical resistance is achieved by adding TXW08/TXW13 or HXS5A16 Hardener at 0%-10%. The more Hardener you add, the shorter the pot life, but the better the chemical resistance.

APPLICATION SYSTEM: Spray - see pg 29 for additional information

FILM THICKNESS: 4-6 wet mils per coat

COATS: One or Two Maximum

GENERAL PROPERTIES: Specific Gravity, gr/cc 1.20 +/-0.02
Viscosity using Ford Cup #6 40 +/- 5 sec
Solids by Weight, % as supplied (I component) 44 +/- 2
Solids by Weight, % as supplied (II component) 70%
Pot Life using PU Hardener 1-3 hours

DRYING TIME: Dust Free Flash-off at 40°C (104°F) 20-40 minutes
(at 20°C/68°F) Dry To Touch 1-3 hours
Dry To Cure 8-12 hours
Please note that drying times may change with varying temperatures, ventilation and relative humidity. In particular, good ventilation promotes hard dry and best dry times for handling and stacking.

GLOSS AVAILABLE: PW710/05 5 Sheen
PW710/10 10 sheen
PW710/20 20 sheen
PW710/30 30 sheen
PW710/60 60 sheen

TYPICAL SYSTEMS: Substrate: Various woods
PT410 White Aquatech Sealer
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.

RECOMMENDATIONS: 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.
Keep cans closed when not in use and wash all equipment well. Keep from freezing.
Preparation note: to have a good mix between 1st and 2nd component you must follow this procedure: weigh and prepare separately the quantity of 2nd component necessary to mix; pour out slowly 2nd component into 1st component as 1st component is continually mixed; add water only when 2nd component is completely mixed.

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)

DATE OF ISSUANCE: 09-10, Revised 2-12, 3-12, 5-12, 11-12, 8-14, 3-15, 9-16, 4-17, 1-20, 11-21, 2-23

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