

ILVA TECHNICAL DATA SHEET

PRODUCT CODE: HMM5457

DESCRIPTION: WB CLEAR NATURAL EFFECT PARQUET SELF-SEALER

USES: Designed to be used as a 2-component self-sealer urethane ultra matte finish for flooring. May be applied by spray/roller/brush. Fast drying with soft natural effect feel. Very good wear resistance. May also be used as a 2-component system for table and desk tops.

PRODUCT PREPARATION: HMM5457 W/B Clear Natural Effect Self-Sealer 100 parts by weight
TXW08/TXW13 or HXS5A16 Hardener 5 parts by weight (mechanical mixing required)
Water Thinner as needed (if necessary for application)

APPLICATION SYSTEM: Airmix spray: 3.4-4.2 wet mills min-max
Hand spray: 3.4-4.6 wet mills min-max
Brush: 2.3-3.0 wet mills min-max
Manual roller 2.3-3.0 wet mills min-max
Spray - see pg 29 for additional information

COATS: Two

GENERAL PROPERTIES: Specific Gravity, gr/ml 1.032 +/- 0.030
Viscosity* (ISO 6) 24 sec +/- 2
Solids Content (% by weight) 21.1 +/- 2
Pot Life using PU Hardener 2 hours

DRYING TIME: Drying schedule at room temperature (64-72°F, 65-70% relative humidity), completely drying: 96 hours
(at 20°C/68°F) Dust Free 50 minutes
Dry to Touch 75 minutes
Hard dry 5 hours
Sandable after 4 hours
Maximum time between layers without sanding 2-3 hours
Overcoatability time 8 hours
Overcoatability time between layers 4-8 hours
Jet hot air drying Temp: 35°C, 95°F
Stackable after jet hot air drying 4 hours with spacers
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.

TYPICAL SYSTEMS: Substrate: Walnut/oak/beech/maple
Stain: PF5 Series
Sealer HMM5457 (80 g/m²)
Topcoat: HMM5457 - topcoat 5 sheen (80g/m²)
TXW08/TXW13 or HXS5A16 must use 5% in both sealer and topcoat

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 5%.

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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