

ILVA TECHNICAL DATA SHEET

PRODUCT CODE: HNS5AA1

DESCRIPTION: CLEAR WATERBASE WOOD DECK PROTECTOR

USES: Clear WB deck protector for roller/brush application with good wetting properties and superior resistance to chlorine, hand cream and lotions. However, some sun screen products do attack the film. For exterior use you must tint to a transparent or translucent color with PZ4 or PZ5 series colors at 0.5-3%.

On oily, greasy, high tanin woods, such as cedar, oak, teak, and ash; it is recommended to use our TDS500 Solvent Base Isolator to prevent resin or tanin bleed. Soft woods normally do not require the solvent base isolator.

APPLICATION SYSTEM: Brush or roller

PRODUCT PREPARATION: HNS5AA1 WB Deck Protector 100 parts by weight or volume
Water Thinner 5 parts by weight or volume

Substrate preparation: Raw wood - recommended moisture content is 6-10%. Surface prep by removing all traces of grease, waxes and resins. Perform sanding with 150 grit paper for softwoods and 180 grit sandpaper for hardwoods.

FILM THICKNESS: 3-5 mils wet per coat

COATS: Two are recommended

GENERAL PROPERTIES: Specific Gravity, gr/cc 1.020 +/- 0.030
Viscosity* 30 sec +/-3
Solids, % by weight 15 +/- 2
*ISO 3 cup at 20°C/68°F

DRYING TIME: Dust free: 30-35 minutes
(at 20°C/68°F) Handling: 4 hours
RH% between 45-65 Stackable: 6 hours
Full drying 24 hours
Good air ventilation is necessary for drying water based products.

NOTES: Mix the product before use. For best results, the optimum conditions of application are:

* Ambient temperature between 18 and 22°C (64-72°F)

* Ambient relative humidity between 65 and 70%

* Support humidity between 8 and 14%

Note that coatings applied at lower temperatures will show chemical and mechanical properties lower than standard performances that can normally be achieved.
Pre-testing adhesion on specific substrate is advisable.

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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