

ILVA TECHNICAL DATA SHEET

PRODUCTS SERIES: KLIMA SERIES

PRODUCT CODE: PN4B

DESCRIPTION: **KLIMA AQUATECH PIGMENTED THIXOTROPIC SEALER - WHITE**
This product is a thixotropic filling sealer based on water-based one-component acrylic resins in water dispersion for wood protection. Allows application of high product thickness in only one-coat, without risk of sagging.

PRODUCT PREPARATION: PN4B WB Exterior Primer 100 parts by weight or volume
Water Thinner 5 parts by weight or 6 parts by volume

USES: For outdoor use. Suitable for hardwoods and softwoods.

APPLICATION SYSTEM: Brush, spray (air, airmix, airless). If airless spray we recommend diluting 3-5% to help air release during film-forming. For best results use Kremlin 30:1 pump with Aurmix 600 fluid lbs, 35-40 static atomizing air 06134/06154

FILM THICKNESS: 8-10 mils wet film

COATS: One or two depending on desired build

GENERAL PROPERTIES: Specific Gravity, gr/cc 1.20+/- .02
Viscosity (Brookfield aspd 4 vel.2) 25,000 cps
Solids, % by weight: 51 +/-2

DRYING TIME: Air drying (at room temperature with good ventilation)
Dry to touch 20 minutes
Dry to sand: 2 hours
Dry to handle: 12-16 hours
Tunnel (35-40°C, 95-104°F) 90 minutes
(Drying times will vary according to temperature, ventilation and relative humidity)

COATING CYCLES: Cycle 1 - Pigmented Coating Cycle with Thixotropic Topcoat - White
Substrate: Non-bleeding softwoods and hardwoods
Wood Preservative: 1 coat of PN410, TN340 or TN30
Sealer 1 coat of PN4B reduced with water -4 hours before sanding
Sanding Sand using 320 grit steared paper. Avoid high pressure or reduce speed on powered sanding equipment to avoid overheating the waterbase product and loading up sandpaper.
Topcoat 1 coat of PN6B reduced with water -4 hours drying

PRODUCT PROPERTIES: PN 4B sealer is characterized by very good hiding and filling capacity. Highly flexible following dimensional moves of the wood without flaking off. Easy maintenance.

MAINTENANCE: Finished items should be lightly sanded with 240 or 320 grit and recoated or topcoated with 1 or 2 coats of PN6B.

WARNINGS: KEEP FROM FREEZING!

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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