ILVA TECHNICAL DATA SHEET

PRODUCT SERIES: **KLIMA SERIES**

PRODUCT CODE: **TN931**

DESCRIPTION: **KLIMA WB Wood Tone Satin Topcoat**
Thixotropic topcoat based on acrylic based resins in water dispersion for wood protection. Suitable for hardwoods and softwoods.

USES: Two coats. Can be used as a self-sealer. For outdoor and indoor use, pre-coated with KLIMA series Aquatech impregnating stains and sealers.

PRODUCT PREPARATION:

TN931	WB Wood Tone Self-Sealer	100 parts by weight or volume
Water	Thinner	5 parts by weight or volume

APPLICATION SYSTEM: For best results use Kremlin 30:1 pump with Airmix 600 fluid lbs, 35-40 static atomizing air 06134/06154 tips or use conventional, pressure pot, cup gun or apply by roller or brush. To brush use TZ08 at 5%.

FILM THICKNESS: 8-10 mils wet, per coat

COATS: Two - three

GENERAL PROPERTIES:

Specific Gravity, gr/cc	1.050+/-.02
Viscosity as supplied*	38,000-41,000 cps
Solids, % by weight:	40 +/-2
Thinner:	Water - TZ07 or TZ08
% of dilution:	5-20% depending upon equipment

* (Brookfield Aspo n°4 vel 2.5)

DRYING TIME: (at 20°C/68°F)

Air Dry with ventilation, dry to handle:

Dust Free:	20 minutes
Dry to touch:	1 hour
Full dried:	2-4 hours
Sanding:	2-4 hours

(Drying times can vary according to temperature, ventialtion and relative humidity)

COATING CYCLES:

<u>Cycle 1 - High Quality with Thixotropic Topcoat</u>

Substrate	Pine or soft woods
Impregnating:	PN 3/color - 1 coat - 1-2 hours drying
Sealer:	TN40 - 1 coat - 2-4 hours before sanding
Topcoat:	TN931 - 1 coat

Before using coated items, it is advisable to wait 3 days. Minimum room temperature during application and drying should be 60°F

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PRODUCT SERIES: **KLIMA SERIES**

PRODUCT CODE: **TN931, page 2**

COATING CYCLES:

Cycle 2 - General use as self-sealer

Substrate	Pine or soft woods
Impregnating:	PN 3/color - 1 coat - 1-2 hours drying
Light Sanding with scotchbrite	
Topcoat:	TN931 - 1 coat - dry 2-4 hours - sand with 280 grit
Topcoat:	TN931 - 1 coat

The above cyle number 2 is certified by CATAS with "Catas Quality Award" in conformity with "ENV 927 - 2/2000 Performance Specification" and with all further features of the technical specification of "Catas Quality Award-Coating Sytem for exterior wood".

PRODUCT PROPERTIES: This product improves the protective action of the impregnating products and protects the substrate from photochemical degradation thanks to the presence of special UV absorbers. Soft to the touch and highly flexible, no sanding when applying coat for maintenance so as to allow easy maintenance.

MAINTENANCE: Items already coated with TN931 topcoat should have dirt and other residuals removed and be topcoated with the Klima TN030 products.

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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