

ILVA TECHNICAL DATA SHEET

PRODUCT SERIES: KLIMA SERIES

PRODUCT CODE: HTM5077

DESCRIPTION: KLIMA WB Clear 5 Sheen Topcoat
Thixotropic topcoat based on acrylic based resins in water dispersion for wood protection. Recommended to add PZ4xx colorants at 0.1-0.5% to enhance performance, or add up to 10% PZ5xx colorants to make deep tone colors. Not intended to be used as a clear finish as it will amber, and without pigment, performance will suffer.

USES: For outdoor use, pre-coated with Klima Aquatech series impregnating stains and sealers. May be used over TN40 Sealer or as a self-sealer.

PRODUCT PREPARATION:

HTM5077	WB Clear Topcoat	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 PX0/03 at 2-3%.

FILM THICKNESS: 7 mils wet per coat, for a total of 14 mils wet.

COATS: 2 coats to achieve minimum wet film thickness of 14 mils

GENERAL PROPERTIES:

Specific Gravity, gr/cc	1.029+/-0.02
Viscosity as supplied (Ford 6 Cup)	58 +/-5 secs
Solids, % by weight:	40 +/-2
Thinner:	Water or PX0/03
% of dilution:	Water at 5-20% depending upon equipment PX0/03 at 2-3%

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, ventilation and relative humidity)

COATING CYCLES:

Cycle 1 - High Quality with Thixotropic Topcoat

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:	HTM5077 - 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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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: HTM5077 - 1 coat - dry 2-4 hours - sand with 280 grit
Topcoat: HTM5077 - 1 coat

**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 HTM5077 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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