



**EXTERIOR
INTERIOR**

CINNAMON TOP COAT CLEAR

PU 2K
WATER BORNE
WOOD COAT



PRODUCT DESCRIPTION

CINNAMON TOP COAT CLEAR is a Two Component Water Borne Poly Urethane specially designed for wood & wood related items. As it formulated with special kind of poly urethane resin, it provides very good grain accentuation combined with very fast drying characteristics and excellent equal hardness - a unique combination of outstanding properties. At the same time, the formulation of Low VOC coating system and provides excellent mar, UV resistance with non-yellowing property.



- GREEN ADVANTAGES**
- LOW ODOUR
 - LOW VOC
 - APEO FREE
 - PHTHALATES FREE
 - NO ADDED FORMALDEHYDE
 - NO ADDED LEAD
 - NO ADDED AMMONIA
 - NO ADDED ARSENIC
 - NO ADDED CHROMIUM
 - NO ADDED CADMIUM

RECOMMENDED USAGE:

Naturelite Cinnamon PU 2K Clear coat recommended to use as a transparent primer coat for interior and exterior application on all type of wooden surfaces.

PHYSICAL PARAMETERS:

Finish	:	Satin 25-30 Units@60° Gloss 90-95 Units@60°
Colour	:	Milky white when wet and Crystal Clear when dry.
Coverage/Spread Rate	:	210- 230 Sq. Feet/ Ltr /coat @17.5 Microns DFT 105-115 Sq.feet/ Ltr /coat @35 Microns DFT

Actual Coverage may vary depends upon the application and surface conditions.

CONFORMANCE STANDARD

VOC compliant in all regulated areas.



DRYING TIME @25° C, 50% RH

- Surface Dry : 1 Hour
- Sanding Dry : 6-8 Hours
- Full Cured : 7 Days
- Re Coat (Minimum) : 4-5 Hours

Drying and recoat times are temperature, humidity and film thickness dependent.

Pot life : Use within 2 Hours(maximum) at 30° C

The pot life of Cinnamon waterborne clear coat is between 2-3 hours, for an end of pot life is not a viscosity increase, but a decrease of final quality of the coating.



VOC in grams : < 50 Grams/Ltr

Dry Film Thickness



Spray gun : 1 – 1.1 Mills (25.4 – 27.94 Microns)

SHELF LIFE



In sealed Container :



12 months in a dry, cool and well ventilated place.

Surface Preparation & Application Details

- Ensure that the wood is free from excess moisture, dust, grease, wax, polish & marks.
- Old finishes in poor condition should be completely removed and surface treated as a new surface until the desired result obtained.
- Using emery #220 sand the wood and then use emery #440 for proper sanding.
- Clean sanding dust with a vacuum or tack cloth.
- Apply cinnamon sanding sealer 2-3 coats with an interval of 4 hours between each coat.
- Proper sanding should carried out with emery #400 prior to each coat of sanding sealer.
- After the application of Cinnamon sanding sealer, make sure the surface is clean and free from dust.
- After mixing Cinnamon Top Coat with Hardener, wait for 5 minutes for obtaining mixing effect.
(Mixing Ratio: Base :6 hardener : 1).
- Apply 2-3 coats of Cinnamon Top Coat Clear with a minimum interval of 8 hours between each coat.
- Sanding should be done prior to each coat with emery #400 followed by emery #600.
- Surface temperature required during application must not be less than 10° C; the surface moisture should not exceed 8% and the relative humidity at work place not to exceed 70%

SPECIAL INSTRUCTIONS:

- Stir the material properly before use.
- Tightly close the paint bottle after use.
- A suitable quantity of water(Drinking) can be used to obtain reasonable viscosity if required.
- Only Naturelite wood stains are recommended to stain the woods.

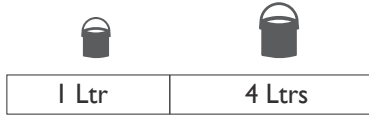
MIXING RATIO WITH HARDENER

Base : 6	Hardener: 1
Example : 60 ml base with 10 ml hardener.	
After mixing with Hardener, wait for 5 minutes for obtaining mixing effect.	

WATER DILUTION DETAILS:

Dilution ratio: As the material is ready to use, it is not recommended further water dilution.

PACK SIZES:



Application Tools:



Spray Gun

:

Recommended nozzle size : 1.5 - 1.8 mm.

SAFETY PRECAUTIONS:

During application of paint, contact of liquid paint with eyes, skin, inhalation of paint mist and paint vapour, should be strongly avoided. When working with paint sufficient ventilation, forced ventilation should be provided. For spray application system, eye, skin, respiratory protection are always recommended. Keep away from the reach of children.

