

CICO WOOD SHIELD (M)

High Performance Aliphatic Wood Coating

Description	:	CICO Wood Shield M is an aliphatic polyurethane clear coating in matt finish. It is two-component acrylic aliphatic isocyanate based, highly durable, UV stable decorative clear coatings for wooden substrates.
Uses	:	CICO Wood Shield is used on any substrate for OEM application. It is recommended as clear matt coat for wooden furniture.
Properties	:	<ul style="list-style-type: none">• Excellent Adhesion• Extremely Durable• Non yellowing• Heat Resistant• Smooth Matt Finish• Scratch Resistant
Technical Data		
Type	:	Acrylic Aliphatic Urethane
Mixing ratio (R: H)	:	5:1 by volume
Volume Solids	:	36-40%
Appearance	:	Clear Transparent liquid
Finish	:	Clear Matt finish
Flash Point	:	Above 30 ⁰
Pot Life	:	4-5 hours
Surface Dry	:	15-20 min
Tack Free Dry	:	2-3 hours
Hard Dry	:	24 hours
Coverage / m ² at 25-30 microns	:	11-13 sq.m
Application method	:	Spray or Brush
Dilution	:	PUT 509
Clean Up	:	PUT 502
Application	:	⇒ Before applying the coating ensure that the

base surface is totally dry, smooth free from dust, other foreign particles.

- ⇒ Shake the resin well so that all the settled particles form a homogeneous mixture.
- ⇒ Mix the resin and hardener in 5:1 ratio by volume.
- ⇒ Use thinner PUT 509 for dilution purposes.
- ⇒ Agitate the mixture for 2-3 minutes.
- ⇒ Apply by spray.
- ⇒ Allow curing for overnight.

Surface Preparation : Proper surface preparation is a pre-requisite for optimum results. Sand paper with wood surface with flint paper No. 100 and then emery paper No. 220 along with the grains. Brush off loose dust along the grains. Then apply **CICO Woodsil** as a base coat for giving good adhesion and filling of pores to give smooth surface for the top coat CICO Wood Shield (M)

Shelf Life : 6 months when kept in dry place
Health & Safety : The materials should not come in contact with the skin and eyes or swallowed. Ensure adequate ventilation and avoid inhalation of vapours.

PRODUCT INFORMATION : Although the basic formulation of our products generally remains unchanged. Production refinements arising from continuing research and evaluation program may occasionally results in marginal changes in properties

TECHNICAL SERVICE:

- * **CICO** maintains a technical division with highly qualified Technical Personnel to investigate and advise on subjects related to concrete and the construction industry. The Division will advise on the correct use and selection of right products at the right place.
- * **CICO** undertakes Consultancy Service for diagnosis and rehabilitation of distressed structures
- * **CICO** undertakes jobs as a package for total waterproofing system with guarantee

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