



ISO 9001:2000

CICO WOOD SHIELD (G)

High Performance Aliphatic PU Wood Coating

DESCRIPTION : **CICO Wood Shield** is a two component aliphatic polyurethane clear coating with excellent gloss finish. It is a highly durable, UV stable decorative clear coating for wooden substrates.

USES : **CICO Wood Shield** is used on any substrate for OEM application. It is recommended as clear coat for wooden furniture.

PROPOERTIES :

- Excellent Adhesion
- Extremely Durable
- Non yellowing
- Heat Resistant
- High Gloss
- Scratch Resistant
- Waterproof

TECHNICAL DATA

Type : Aliphatic Polyurethane
Mixing ratio (R: H) : 5:1 by volume
Volume Solids : 49%
Appearance : Clear Transparent liquid
Finish : Clear Glossy
Pot Life : More than 8 hours
Surface Dry : 1 hour
Tack Free Dry : 4 hours
Hard Dry : 2 hours
Coverage(m²/ltr) : 9 - 10
DFT per coat in micron : 23
Application method : Spray or brush
Scratch Hardness (1000gm) : No such scratch as to show the bare metal surface is observed
Flexibility & Adhesion (2mm dia cylindrical mandrel) : No damage is observed of the film

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.
- * Agitate the mixture for 2-3 minutes
- * Apply by spray/brush.
- * Apply by spray/brush.
- * 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.
- 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 advice 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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