Wood Sealing and Waterproofing
Basic Steps

Guidelines

• Ensure that the wood is as dry as possible; any excessive moisture will be sealed within the wood once it is impregnated with resin.

• Use a fast evaporating solvent to dilute the epoxy such as acetone or MEK (ketone based solvents). Add no more than 5% solvent by weigh or by volume to the mixed resin.

• Ensure that the entire wood surface is coated with the epoxy sealant. For best results, coat the entire exposed surface area with the prepared epoxy resin mixture.

• Apply multiple coats until all porosity of the wood is sealed; some grain rising can be expected upon coating.

• Allow the applied coats to cure for at least 24 to 36 hours before proceeding.

• For a smoother finish, sand the cure surface just enough to remove surface gloss and removed and surface blemishes caused by the grain raising.

• Lightly sand the surface to remove any grain rising if desired with 280- to 300- grit sandpaper.
Wood Sealing Procedure

4x8 Plywood
800/400 grams MAX PCR A/B
300 Grams Acetone
Applied via Roll Coater

800 Grams MAX PCR PART A
Add Acetone – Maximum 7% by Weight – Mix Well

400 Grams MAX PCR PART B
Apply 1st Coat

Mix Well
Wood Sealing Procedure

Allow to Penetrate for 20 Minutes

Apply Heavy 2nd Coat

Allow to Cure for 24 Hours

Waterproof Seal

Products for Wood Sealing and Waterproofing

- MAX CLR
- MAX CLR-HP
- MAX BOND LOW VISCOSITY
- MAX PCR

Depth of Penetration – 7% Acetone Solution
Choose the proper fiberglass weight and weave for the job.
Recommended fiberglass styles

- STYLE 7500
- STYLE 1581

- Apply another coat of the epoxy, this time do not add any solvent to insure maximum strength development.
- Use a plastic spreader or flat plastic spreader to consolidate the fiberglass to wood. Use this to smoothen the fiberglass and remove excess resin and entrapped air bubbles.
  - Allow the epoxy resin to cure for 24 hours.
- Upon cure, the cured laminate can be directly painted with a UV resistant polyurethane or acrylic paint to protect the epoxy resin from the damaging effects of direct UV (sunlight) exposure.