



Nelsonite
POOL AND DECK COATING

INFORMATIONAL BULLETIN #104

PROCEDURES FOR PAINTING FIBERGLASS POOLS AND SPAS

POOLPOXY II is a two-component epoxy coating which is our recommended product for refinishing gel-coated fiberglass surfaces. While primarily intended for spas, it can also be used on fiberglass pools. It is not recommended for acrylic spas since the solvents in this coating may wrinkle or adversely affect the acrylic finish. Poolpoxy II is a durable coating which possesses a tough epoxy finish designed to withstand temperatures up to 130°F.

INSTRUCTIONS:

- (1) Drain pool or spa completely two days before refinishing so that it will dry completely. Be sure to remove all water from the filter and the pumps, with air pressure if necessary.
- (2) If blisters, black spots or structural damage exist in the finish coat, repair these areas by sanding and refilling with an epoxy patching compound. Sand the affected areas with 70 - 80 grit sandpaper and vacuum thoroughly afterwards. You may use a drill motor with a mushroom sanding pad for this operation. Fill all pitted areas and cracks, let the patch dry for at least four hours, then sand areas smooth and let dry overnight before painting.
- (3) Sand the entire spa or pool with wet/dry sandpaper to remove the glaze and roughen up the surface in order to give it a mechanical tooth for the application of the coating. At this point, sand smooth all the patched areas flush with the original surface. When all sanding is complete, vacuum the pool or spa thoroughly.
- (4) Clean entire surface to be coated with a solution of Prep A or trisodium phosphate (TSP) and water. Wipe with a clean, damp sponge.
- (5) Mask off all fittings and tile.
- (6) Before coating, wipe the entire surface with a wax-free tack rag. Apply a coat of Nelsonite POOLPOXY II as your primer coat. POOLPOXY II is a two-part product. The mixing ratio is 3:1 (3 parts of Part A, gallon container, to 1 Part B, quart container). For the best results, mix in a separate and larger container. Stir well. After mixing, let the material stand for 20 minutes for the chemical reaction to occur between the catalyst and the resin base. Once the catalyst has been added to the resin base, the material will have a pot life of 4 hours at 72°F. CAUTION: Never apply this product if the temperature of the material, the air or the surface to be painted is less than 60°F.

The primer coat may be topcoated 24 hours after application and **MUST** be topcoated within 72 hours. If this time is exceeded, it is necessary to sand lightly the entire surface so as to insure a good bond between the primer coat and the topcoat.

Please refer to label for cautions and warnings pertaining to this product.

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(7) POOLPOXY II may be applied by brush, roller or spray. When brushing, use a solvent-resistant China bristle brush. Usually, no thinning or reduction of the paint is required.

Coverage of one gallon kit of POOLPOXY II is 275 sq. ft.

It may be desirable to cover the spa with cheesecloth to eliminate bugs or dust. The use of cheese cloth allows for ventilation which aids in the evaporation of the solvent.

Apply a second coat of Nelsonite POOLPOXY II as your finish coat. Again, mix the catalyst (small can) thoroughly into the base material (large can). For best results, stir and mix together in a large separate container. After mixing, let the material stand for 20 minutes before using. (Please refer to POOLPOXY II Product Profile for complete preparation and application instructions).

POOLPOXY II may be applied by brush, roller or spray. While usually no thinning of the material is necessary, some adjustment of the material may be necessary when spraying; you should use Nelsonite Solvent 150 for this purpose.

(8) Once the topcoats have been applied, let the spa or pool dry 5 days with a temperature range of 72°F or above before filling it with water. Wait 6 days if temperatures are lower than 72°F.