



Nelsonite
POOL AND DECK COATING

PRODUCT PROFILE SHEET

POOLPOXY II CLEAR

Description:

A two-component, solventbase epoxy topcoat that forms an extremely hard, durable and high-gloss tile-like finish. This high performance, underwater epoxy coating is formulated for use on a wide range of surfaces including concrete, plaster (marcite), fiberglass and surfaces previously painted with an epoxy coating. POOLPOXY II CLEAR requires the use of a primer on unpainted surfaces but can be applied over existing epoxy coatings in good condition.

For Use On:

- Concrete
- Plaster (marcite)
- Fiberglass
- Fish ponds

Not For Use On:

- Surfaces previously painted with vinyl or waterborne acrylic pool coating
- When coating over chlorinated rubber coating you must first prime with Nelsonite Hi-build Primer

TECHNICAL DATA (Combined)

Product Number:	44-455 (Part A); 44-498 (Part B)
Colors:	Clear
Viscosity:	80 - 90 Krb Units @ 77°F
Solids by Weight:	64%
Solids by Volume:	57%
Actual V.O.C. (Volatile Organic Compounds):	Less than 340 grams per liter (2.8 lbs.gal.)
Solvent(s) Used:	Alcohol/Ketone/Ester/Aromatic Hydrocarbons
Finish:	High Gloss
Flash Point:	63°F/TCC
Dry-To-Touch @ 77°F:	15 - 20 minutes
Dry-To-Handle @ 77°F:	24 hours
Recoat time @ 77°F:	24 hours
Coverage:	Approximately 275 square feet per gallon

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

POOLPOXY II CLEAR

DIRECTIONS FOR USE:

TEMPERATURE LIMITATIONS: This product is intended for use in temperatures ranging between 60°F and 80°F. Do not use this product if temperatures are below 60°F, above 80°F, or when relative humidity levels are above 80%. Do not apply to a surface that is in direct sunlight. At higher temperatures (above 75°F), especially when using the dark colors, apply POOLPOXY II CLEAR in the late afternoon. This coating must be completely dry before it is exposed to direct sunlight.

SURFACE PREPARATION: Clean and prepare the surface to be painted as instructed on Nelsonite's website under "How to Nelsonite Your Pool". For additional information, refer to Nelsonite Informational Bulletins for your specific surface coatings procedures. You may also download "How to Nelsonite Your Pool" at www.nelsonitepoolanddeck.com/nelsonite_your_pool.html

PATCHING PROCEDURES: Thin hairline cracks will be filled by the primer or coating itself. Larger cracks, craters and holes need to be filled with either an epoxy patching compound or a hydraulic cement with an acrylic bonding agent. Patching should be done after the surface cleaning has been completed. All cement-based patches must be acid washed with a solution of 1 part of muriatic acid and 1 part of water when dry and before painting with POOLPOXY II CLEAR. **IMPORTANT!** Sand lightly in straight lines with 100 grit sandpaper before painting.

IMPORTANT! To be used only with POOLPOXY II CLEAR Catalyst 44-498 Part B. Before mixing Part A with Part B, read all instructions, cautions and warnings on BOTH labels. The mixed product will have the hazards of BOTH components. Observe all applicable precautions.

MIXING: POOLPOXY II CLEAR is a two-part product. The mixing ratio is 3:1 - 3 parts of Part A, gallon container, to 1 part of Part B, quart container. Pour Part A and Part B into a separate and gallon container. (When painting large surfaces, mix 2 or 3 gallon kits at a time in a 5-gallon pail. Use a roller grid to roll off the excess paint). If necessary, use a rubber spatula to remove the contents of both cans. Stir the combined parts thoroughly for 3 to 4 minutes, preferably with an electric drill with a paint mixing attachment. After mixing, wait 20 minutes for the chemical reaction to take place before application of the product. Stir well again before use. The use life of a mixed 1-gallon unit is 4 hours at 72°F. The use life is shortened at higher temperatures (above 75°F) and/or in larger quantities. When the end of the use life has been reached, the product will thicken; do not apply after this time because the product will not cure. Do not mix more material than can be used in one hour.

THINNING: If thinning is necessary, use Nelsonite Solvent 150.

SLIP RESISTANCE PROCEDURES: **WARNING!** Pool steps and shallow areas will be slippery after painting. It is necessary to make these areas slip-resistant by using either Nelsonite Add-A-Grip or 60-mesh white silica sand. Sprinkle the texturing agent amply on the first coat while still wet. Before the application of the second coat, sweep off any excess or loose texturing agent. For public access pools, broadcast the texturing agent on 100% of the area to be made slip-resistant.

APPLICATION: POOLPOXY II CLEAR is for use over compatible surfaces previously painted with an epoxy coating that have been properly prepared, patched and cleaned or primed. Provide ample ventilation when applying to indoor pools.

- POOLPOXY II CLEAR can be applied by brush, roller or spray. When rolling, use a premium roller with 1/2" nap and a solvent-resistant core.
- This product should be applied in thin coats. Apply the first coat in a uniform and continuous manner, without pinholes or gaps. For best results, apply 2 coats. The wet film thickness when applied should range between 4 - 6 mils per coat. Avoid applying thick coats. An excessively thick coat can cause blistering. If minor blistering occurs, scrape or sand the blistered area, clean the surface with a rag soaked in Nelsonite Solvent 150 and then repaint.
- The second coat should be applied 24 hours after the first coat. If the first coat was applied in an up-and-down direction, apply the second coat left-to-right. Always criss-cross your coating application.
- All topcoating **MUST** occur within a 24 to 72-hour period. If more than 72 hours elapse, the surface must be lightly sanded in a straight line to increase intercoat adhesion.
- To insure color uniformity on the final coat, use paint from the same batch (stamped on lid) or intermix paint from different batches.

CLEAN-UP: Use Nelsonite Solvent 150.

MAINTENANCE: Maintain your pool as instructed on Nelsonite website under Technical Bulletin #100 "Maintenance of a Coated Pool" at www.nelsonitepoolanddeck.com

SHELF LIFE: This product has a shelf life of approximately 2 years unopened container from the date of manufacture stamped on the lid of this can. The first two digit indicates the year, and the next two digits the month of manufacture.

Refer to product label and Material Safety Data Sheet (MSDS) for cautions and warnings pertaining to this product.

Limited Warranty:

Due to the fact that the manufacturer has no control over either surface preparation or application, warranty is limited to replacement of product if it is shown to be defective. Such warranty does not include the cost of labor or consequential damages.