



PRODUCT PROFILE SHEET

POOLPOXY PRIMER

Description:

A two-component, solventbase epoxy primer formulated for use in areas requiring high performance both above and underwater. POOLPOXY PRIMER is intended for use over unpainted surfaces such as concrete, plaster (marcite) and fiberglass that will be painted with an epoxy topcoat such as POOLPOXY II or POOLPOXY HI-BILD.

For Use On:

- Pools
- Spas
- Diving board
- Residential and commercial water park slides

Not For Use On:

- Surfaces previously painted with rubber base, vinyl, waterborne acrylic pool coating

TECHNICAL DATA (Combined)

Product Number:	49-110 (Part A), 49-119 (Part B)
Colors:	Off-White
Viscosity:	100 - 110 Krb Units @ 77°F
Solids by Weight:	79%
Solids by Volume:	63%
Actual V.O.C. (Volatile Organic Compounds):	Less than 340 grams per liter (2.8 lbs.gal.)
Solvent(s) Used:	Aromatic Hydrocarbons/Alcohol/Ketone/Ester
Finish:	Flat
Flash Point:	23°F/TCC
Dry-To-Touch @ 77°F:	20 minutes
Dry-To-Handle @ 77°F:	24 hours
Recoat time @ 77°F:	24 hours
Coverage:	Approximately 250 square feet per gallon

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

POOLPOXY PRIMER

DIRECTIONS FOR USE:

TEMPERATURE LIMITATIONS: This product is 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), apply POOLPOXY PRIMER in the late afternoon or evening. 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 coating itself. Larger cracks, craters and holes need to be filled with 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 PRIMER. **IMPORTANT!** Sand lightly with 100 grit sandpaper before painting.

IMPORTANT! To be used only with POOLPOXY PRIMER 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 PRIMER 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 larger container. (When painting large surfaces, mix 2 - 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 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 1 hour.

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

APPLICATION: POOLPOXY PRIMER is for use over compatible surfaces which have been properly prepared, patched and cleaned. The surface must be completely dry before the application of this product. Provide ample ventilation when applying to indoor pools.

- New concrete should age 30 days before the application of POOLPOXY PRIMER.
- POOLPOXY PRIMER can be applied by brush, roller or spray. When rolling, use a premium roller with 1/2" nap and a solvent-resistant core.
- The wet film thickness when applied should range between 4 - 6 mils wet film thickness. An excessively thick coat can cause blistering.
- Apply the first coat in a uniform and continuous manner, without pinholes or gaps. For best results, apply 2 coats.
- The second primer 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 recoating and topcoating **MUST** occur within a 24 to 72-hour period. If more than 72 hours elapse, the primer coat must be lightly sanded in a straight line to increase intercoat adhesion.

CLEAN-UP: Use Nelsonite Solvent 150.

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.