



Nelsonite
POOL AND DECK COATING

PRODUCT PROFILE SHEET

DIVE & SLIDE POLYURETHANE COATING

DESCRIPTION:

DIVE & SLIDE POLYURETHANE COATING is a two-component coating providing gloss, excellent durability and resistance properties, along with an extremely low VOC of 80 grams per liter or less, 0.7 pounds per gallon. DIVE & SLIDE POLYURETHANE COATING is lead- and chromate-free.

FOR USE ON:

Diving boards, fiberglass and concrete slides, restoring surface and improving "slideability". For fiberglass diving boards, add Nelsonite "Add-A-Grip" for improved traction.

- Protects and improves surface
- Restores color — choose from 5 available colors
- Adds beauty

Product Numbers: 59-1000 Series –

Part A: 59-1000 White
59-1002 Bahama Blue
59-1007 Pueblo Beige
59-1008 Sahara Tan
59-1055 Clear

Part B: 59-1099 Catalyst
(Included with 2K System Kit)

TECHNICAL DATA (Combined Components)

Product Number(s):	59-1000 Series (Part A); 59-1099 (Part B Catalyst)
Color(s):	Various
Viscosity:	74–96 Krebs Units @ 77°F
% Solids by Weight:	32–51
% Solids by Volume:	36–45
Actual V.O.C. (Volatile Organic Compounds):	80 grams per liter or less, 0.7 lb. per gallon
Solvent(s) Used:	PCBTF, Acetate, Naphtha and Xylene
Finish:	Gloss
Flash Point:	109°F TCC
Dry-to-Touch @ 77°F:	35–50 minutes
Dry-to-Handle @ 77°F:	1.5–2 hours
Recoat Time @ 77°F:	1–16 hours @ 77°F – 80°F
Curing Time @ 77°F:	7 days
Coverage (Theoretical):	Quart: 145–180 sq. ft. @ 1 mil DFT (29–36 sq. ft. @ 5 mils DFT) Gallon: 580–720 sq. ft. @ 1 mil DFT (116–144 sq. ft. @ 5 mils DFT)
Shelf Life:	1 year from date of manufacture when stored at temperatures not to exceed 90°F
Service Life:	5–7 years

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

DIVE & SLIDE POLYURETHANE COATING

DIRECTIONS FOR USE

SURFACE PREPARATION: GENERAL: All surfaces to be painted must be clean, dry and in fit condition to be painted. Be sure to remove all wax, silicone, oil, powdery or scaling rust, loose or peeling paint and all other foreign matter. Smooth, slick surfaces should be sanded to achieve adhesion.

PAINTED SURFACES: Dive & Slide Polyurethane Coating may lift old paint. We recommend a test patch. If lifting occurs, remove old paint. Be sure all loose and peeling paint is completely removed, and the surface is clean. Remove excess chalkiness with a wire brush or by sanding.

MIXING: Be sure all spray painting equipment is clean and ready to use prior to mixing and application of coating. The proper mixing ratio is 4:1. Mix four parts of Dive & Slide Polyurethane Coating Part A Base with one part Part B Catalyst. Stir thoroughly to a uniform mixture. Strain mixture prior to application. Mix no more material than will be used in a 2-hour period.

THINNING: If thinning is necessary, reduce with Nelsonite Solvent 175. Thin to desired viscosity after the Part B Catalyst has been added.

POT LIFE: Pot life is approximately 2 hours @ 77°F. Pot life can be extended by adding Nelsonite Solvent 175. Pot life will be reduced as the ambient temperature rises above 77°F.

APPLICATION: For large projects, apply by spray (or in small areas by brush or roller) in an even, wet coat to a minimum of 5 mils wet film (DFT of 2 mils) thickness. Give particular attention to all irregularities to ensure that they are completely covered. On a porous type substrate, the use of a thin or "mist" coat may be needed. If a second coat is needed, allow 15 minutes flash time.

RECOAT TIME: Recoat when material is relatively dry and firm (1 to 16 hours at 77°F to 80°F). Allow final dry time of at least 5 days at 77°F. All solvent vapors should be removed before placing in service. Curing time is significantly shorter at higher temperatures or lower film thicknesses, and longer at lower temperatures or higher film thicknesses.

COVERAGE: 180 square feet @ 1 mil/dft. (36 square feet @ 5 mils dft.)

CLEAN-UP: CAUTION! Do not allow catalyzed material to stand in equipment after use. Equipment should be thoroughly cleaned immediately after use in an enclosed spray equipment cleaner with Ellis 80/20 Zero VOC Exempt Solvent.

SHELF LIFE: Shelf life is approximately 1 year in unopened container from the date of manufacture stamped on the lid of the can. The first two digits indicate 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: Nelsonite certifies that all Nelsonite products delivered to the customer in new, sealed containers will meet all pertinent quality standards presented in Nelsonite published literature. Since matters of surface preparation, application procedures and other local factors are beyond its control, Nelsonite assumes no liability for coating failure other than to supply replacement material for a Nelsonite product shown to be defective. If you have questions, visit www.nelsonitepoolanddeck.com or call Nelsonite. There is no other warranty, either expressed or implied.