



PRODUCT DATA

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Endura Mar *Premium Quality Aerosol Lacquer Finishes*

PRODUCT CODE: 102 – XXX

PRODUCT DESCRIPTION: Endura Mar Aerosol Lacquer Sanding Sealers and Finishes are premium quality Hi – Solid Nitrocellulose Lacquers that are designed for ease and speed of application, completely clear (**no amber tone**) depth of film, and an ultimate in build for producing a long lasting, durable, tough finish that is resistant to **Alcohol, Water, and most Carbonated Beverages.**

INTENDED USE: Endura Mar Aerosol Lacquer Sealers and Finishes are excellent finishes for professional application on **White or Lightly Color Stained Wood** as well as **Deeptone Stained Wood Substrates.** They are especially popular for use as touch – up over **Cabinet Work, Table Tops, Furniture, Store and Office Fixtures, Arts and Crafts,** as a **Fine Finish Coat** over **Musical Instruments, Decorative Molding and Trim,** or for protecting and enhancing **Bronze, Brass, or other Decorative Metal Fixtures.** Endura Mar Aerosol Lacquers are available in **Four Durable Gloss Finishes.**

102 – 131
Gloss

102 – 133
Semi-Gloss

102 – 137
Satin

102 – 134
Flat

SURFACE PREPARATION

WARNING!

If you scrape, sand, or remove **Old Paint,** you may release **Lead Dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.** Wear a **NIOSH-Approved Respirator** to control **Lead Exposure.** Clean up carefully with a **HEPA Vacuum and Wet Mop.** Before you start, find out how to protect yourself and your family by contacting **The National Lead Information Hotline at 1-800-424-LEAD** or log on to www.epa.gov/lead.

ALL SURFACES: Must be clean, dry and free of dust, dirt, oil, grease, wax or any contamination that would adversely affect the adhesion or performance of this coating. Remove all oil, dirt, and other contaminants by cleaning with a commercial V.O.C. Compliant cleaner/degreaser. Rinse thoroughly and allow to dry.

ALL MILDEWED SURFACES: Existing mildew should be removed by washing the affected areas with a 3:1 solution of water and chlorine bleach or reliable commercial mildewcide. Keep applying until all discoloration is removed. Rinse thoroughly and allow surface to dry before coating.

102 – XXX Endura Mar Aerosol Lacquers continued

SURFACE PREPARATION continued

NEW SURFACES

NEW WOOD SURFACES: Where appropriate, sand the surface smoothly with 180 grit or finer sandpaper prior to staining or sealing. Dust and sand residue should be removed with a clean cotton cloth or vacuumed prior to coating with Simpson Coatings Lacquer Stains or Lacquer Sealers. Apply one coat of Simpson Coatings Lacquer Stain/Woodtone Sealers without thinning, allowing 3 to 5 minutes surface setting time for the Lacquer Stain/Woodtone Sealer to uniformly develop itself. Allow 30 to 45 minutes drying time before recoating with Simpson Coatings Endura Mar Aerosol Non-Stearate Lacquer Sanding Sealer #102-440.

NEW METAL SURFACES: Prepare new metal surfaces as directed with all surfaces.

PREVIOUSLY COATED SURFACES

ALL PREVIOUSLY COATED SURFACES: Clean thoroughly as directed for all surfaces. Remove all loose peeling coatings and chalk oxidation by sanding. Glossy surfaces should be dulled by sanding for maximum adhesion. For previously coated surfaces a test patch of the Simpson Coatings Water White Lacquer Sealer or Finishes is recommended. **If lifting/wrinkling occurs, stop the spraying application process immediately!** Sand the surface smoothly to remove any wrinkling that may have occurred. Apply one coat of Simpson Coatings Endura Mar Aerosol Non-Stearate Lacquer Sanding Sealer #102-440 @ 2.0 to 2.5 mils wet to achieve 1.5 to 1.5 mils dry film thickness, allowing 30 to 60 minutes dry time to recoat. Surfaces requiring complete restoration must have the finish removed by either power sanding or use of a paint/varnish remover, then treated as a new surface.

PREVIOUSLY COATED WOOD SURFACES: Clean thoroughly as directed above for all previously coated surfaces.

PREVIOUSLY COATED METAL SURFACES: Clean thoroughly as directed above. Remove loose rust, mill scale and deteriorated previous coatings by wire brushing or sandpaper. If rust is underneath the film, remove the finish until a ring of bright metal is exposed.

APPLICATION

Estimation of practical coverage of this product can be variable and is completely dependent on application technique i.e., (determine amount of wet film thickness application to achieve dry film thickness) and the porosity of the substrate.

Drying time and curing time can be adversely affected by extreme high/low substrate and atmospheric temperature variances, along with extreme high/low humidity. Apply when **air, product and surface temperatures** are between **60 °F – 90 °F**, the relative humidity is no greater than **85%**, and surface is at least **5 °F** above the dew point.

Shake or **agitate** the Endura Mar Aerosol Spray Can rigorously before applying/spraying to make sure that the Lacquer Product content is dispersed and mixed thoroughly.

Note: *Endura Mar Aerosol Lacquer Sealers/Finishes are recommended for use over Simpson Coatings Lacquer Base Stains. If conventional oil stains or other types of stains are used, the stain must be completely Dry/Cured per stain manufacturers recommendation before applying Endura Mar Aerosol Lacquer Sealer/Finishes.*

102 – XXX Endura Mar Aerosol Lacquer continued

APPLICATION continued

WOOD SURFACES: Apply one coat of Simpson Coatings Endura Mar Aerosol Non-Stearate Lacquer Sanding Sealer #102-440 @ 2.0 to 2.5 mils wet to achieve 1.5 to 1.5 mils dry film thickness, allowing 30 to 60 minutes dry time to recoat. Inspect surface for any raised fibers or imperfections. Sand lightly any imperfect areas. Apply first coat of Simpson Coatings Endura Mar Aerosol Lacquer Finishes #102-XXX at 2.0 to 2.5 mils wet to achieve 1.0 to 1.5 mils dry film thickness. Allow 30 to 60 minutes dry time to recoat. Repeat recoat application as necessary to achieve desired build and finish. Allow the final coat of the Lacquer Finish to dry to 10 to 12 hours for light traffic use, a full 24 to 36 hours cure time for heavy traffic use.

ALL METAL SURFACES: Apply two coats of Simpson Coatings Endura Mar Aerosol Lacquer #102-XXX, allowing 30 to 60 minutes in between each coat. A 10 to 12 hour dry time must be allowed for light foot traffic. For areas such as metal handrails, stair scuff plates, doorknobs, allow a full 24 to 36 hour cure time.

PREVIOUSLY COATED SURFACES: As directed before in surface preparation, a test patch of the Simpson Coatings Endura Mar Aerosol Lacquer Finish is recommended. **If lifting/wrinkling occurs, stop the spraying application process immediately!** Sand the surface smoothly to remove any wrinkling that may have occurred. Apply one coat of Simpson Coatings Endura Mar Aerosol Non-Stearate Lacquer Sanding Sealer #102-440 @ 2.0 to 2.5 mils wet to achieve 1.5 to 1.5 mils dry film thickness, allowing 30 to 60 minutes dry time to recoat. This should be followed by two coats of Simpson Coatings Endura Mar Aerosol Lacquer Finishes #102-XXX, at 2.0 to 2.5 mils wet to achieve 1.0 to 1.5 mils dry film thickness, allowing 30 to 60 minutes dry time to recoat. **If no lifting occurs,** apply two coats of Simpson Coatings Endura Mar Aerosol Lacquer Finishes #102-XXX, at 2.0 to 2.5 mils wet to achieve 1.0 to 1.5 mils dry film thickness. Allow a 30 to 60 minute dry time to recoat. A 10 to 12 hour dry must be allowed for light traffic, a full 24 to 36 hour cure time is required for heavy traffic use.

THINNING/CLEAN – UP

AIR ATOMIZED/AIRLESS SPRAY: **N/A**

CLEAN – UP: Use Simpson Coatings Acetone #304–013 for cleaning Application Tools/Equipment only! **EXCEPT AS RESTRICTED BY YOUR LOCAL AIR QUALITY MANAGEMENT DISTRICT.**

EQUIPMENT RECOMMENDATIONS

AIR ATOMIZED/AIRLESS SPRAY: **NIOSH / MSHA APPROVED RESPIRATORS should be worn at all times when using/applying** Simpson Coatings Endura Mar Aerosol Lacquer Finishes #102-XXX.

102-XXX Endura Mar Premium Quality Aerosol Lacquer Finishes Technical Data/Physical Properties

Resin Type: Nitrocellulose Lacquer
Solvents: Acetone, Alcohols, Aliphatic & Aromatic Hydrocarbons, Esters, Glycol Ethers & Ketones
Coatings V.O.C. < 550 G/L

PRODUCT	ANALYSIS					PRODUCT COVERAGE				
	Pigment % by weight	% Solids by weight	% Solids by volume	Gloss	Viscosity	Wt. Per Gallon	Recommended Dry Film Thickness	Recommended Wet Film Thickness	Practical Coverage (assume 15% material loss)	Theoretical Coverage @ 1 mil D.F.T.
102-131 Gloss Endura Mar Aerosol Lacquer		23.2-25.2%	17.2-19.2%	80+		7.2-7.8	1.0-1.5 mils	2.0-2.5 mils	25-30 sq. ft. per Aerosol Can	30-35 sq. ft. per Aerosol Can
102-133 Semi-Gloss Endura Mar Aerosol Lacquer		21.2-23.2%	15.7-17.7%	40-60		7.0-7.6	1.0-1.5 mils	2.0-2.5 mils	25-30 sq. ft. per Aerosol Can	30-35 sq. ft. per Aerosol Can
102-137 Satin Endura Mar Aerosol Lacquer		22.2-24.2%	16.2-18.2%	21-27		7.1-7.7	1.0-1.5 mils	2.0-2.5 mils	25-30 sq. ft. per Aerosol Can	30-35 sq. ft. per Aerosol Can
102-134 Flat Endura Mar Aerosol Lacquer		22.2-24.2%	16.2-18.2%	15 Max		7.1-7.7	1.0-1.5 mils	2.0-2.5 mils	25-30 sq. ft. per Aerosol Can	30-35 sq. ft. per Aerosol Can

Dry times @ 77° F and 50% R.H.

Tack Free: 15-20 Minutes

Handle: 20-30 Minutes

Sand/Recoat: 30-60 Minutes

Full Dry/Cure: 24-36 Hours

Special instructions:

WARNING: THIS PRODUCTS CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

Proposition 65 Warning

TECHNICAL SERVICE: Technical Services are available through Simpson Coatings Technical Service Support at 1-800-877-5997

LIMITED WARRANTY: The statements on this bulletin product label, or by any of our agents concerning these materials are given for information only. They are believed to be true and accurate and intended to provide a guide to approved construction practices and materials. As workmanship, weather, construction equipment, quality of other materials and other variables affecting results are all beyond our control. The Simpson Coatings Group does not make nor does it authorize any agent or representative to make any warranty of MERCHANTABILITY OR FITNESS FOR ANY PURPOSES OR ANY OTHER WARRANTY, guarantee or representation, expressed or implied, concerning this material except that it conforms to Simpson Coatings quality control standards. Any liability whatsoever of Simpson Coatings Group