

PRODUCT PROFILE:

Novocoat Protective Coatings consistently produces products of exceptional chemistry delivering the best in corrosion protection, while being safe for our environment and totally user friendly.

SC3300 is 100% solids, sprayable, industrial maintenance coating for metal and concrete substrates.

SC3300 is a high cross-link density; ceramic-filled novolac coating that is designed to provide superior, long-term chemical resistance and good immersion service. The solids content and morphology make SC3300 an excellent tank liner.

PRODUCT FEATURES AND BENEFITS:

- 100% Solids, No VOCs
- Superior long term chemical resistance
- Great immersion service

CHEMICAL RESISTANCE:

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| <ul style="list-style-type: none"> • Ammonium Hydroxide • Aromatic & Aliphatic Solvents • Black Liquor • Butyl Acetate • Butyl Carbitol • Chlorinated Solvents (except Methylene Chloride) • Chlorides • Chromic Acid up to 30% • Hydrochloric Acid up to 100% | <p>(38% Hydrogen Chloride content)</p> <ul style="list-style-type: none"> • Hydrofluoric Acid up to 8% • Hydrogen Sulfide • Lithium Chloride • MEK • MSEA • Mineral Acids • Nitric Acid up to 10% • Many Organic Acids • Phosphates | <ul style="list-style-type: none"> • Phosphoric Acid up to 100% • Potassium Hydroxide • Salts • Sodium Hydroxide • Sodium Hypochloride up to 10.5% • Sulfides • Sulfuric Acid up to 98% • White Liquor • Water-Fresh, waste, non-potable |
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PHYSICAL PROPERTIES

Color	Light Gray, Rust Red	
Container Size	1 or 2 gallons	
Coverage per gallon (Theoretical)	160 sq. ft. @ 10 mils thickness	
Coefficient of Expansion (10 ⁻⁶ / per °F)	1.4	
Flash Point	> 250°F (121°C)	
Pull-Off Adhesion Test ASTM D 4541	Minimum adhesion is 1900 psi	
Recommended Thickness	2 coats @ 10 mils each; For high temps/severe chemical service: 3-4 coats @ 10 mils each	
Specific Gravity	Resin: 1.72	Hardener: 1.03
Volatile Organic Compounds (VOC)	0 grams/liter	
Weight per gallon	11.55 lbs	

POT LIFE

40°F (4°C)	50 minutes
75°F (24°C)	30 minutes
92°F (33°C)	14 minutes

Note: Do not keep the blended coating in the original container unless immediate use is planned. Otherwise, exotherm—heat created during the curing process—will considerably shorten the pot life. Pour the coating into a rolling tray or large aluminum-basting pan. Try to keep the depth of the coating in the tray below 3/8".

SERVICE TEMPERATURE

Dry Service	350°F (176.67°C)
Spill/Splash	300°F (148.89°C)
Immersion Service*	250°F (121.11°C)

* Immersion with solvent, mineral acids, or alkalines, or if over 150°F contact factory

PUMP SPECIFICATIONS

Pump Ratio	56:1 or greater
Minimum Output	5600 psi
Product Hose: Min. - Optimum I.D.	0.375 - 0.5 inch
Max. Length	60 feet

MULTIPLE COATS:

Second and subsequent coats must be applied before the previous coat has completely cross-linked. If additional coats are needed after re-coat window, brush blast before applying the next coat. Small areas may be abraded by sanding or wire brushing.

The same requirement applies when overlapping the seams of adjacent coating sections to create a continuous protective film. If the coating surface to be overlapped at the seam cannot be brush blasted, use a non-impact means as power brushing or sanding to create a mechanical profile.

CURE TIME (AT 70°F OR 21°C)

Re-coat Window	1-1½ hours
Light Loading	12 hours
Immersion (Aqueous/Non-Acidic) Service	30 hours
Full or Chemical Service	7 days

ORDERING INFORMATION

For additional information, prices, or to place an order, please contact your ErgonArmor sales representative. If you do not know the name of your sales representative, call 877-98ARMOR.

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All statements, technical information, and recommendations contained herein are based on tests we believe to be reliable, but the accuracy or completeness thereof is not guaranteed, and the following is made in lieu of all warranties, express or implied. Sellers and manufacturers only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use of or the inability to use the product. Before using, user shall determine the suitability of the product for the intended use, and user assumes all risk and liability whatsoever therewith. No statement or recommendation not contained herein shall have any force or effect unless in an agreement signed by officers of seller and manufacturer.