

SELECTION & SPECIFICATION DATA

Generic Type	A vinyl ester resin combined with special curing system and inert electrically conductive pigments to provide outstanding chemical and physical properties.
Description	Uses: A: As a high solids, highly electrically conductive coating for application to all nonconductive substrates prior to topcoating with one of the Plasite 7200 Series conductive coatings selected for the specific range of conductivity desired. B: As a highly chemical resistant electrically conductive thick film coating for tank lining service and for coating of special equipment where the combination of chemical resistance and conductive film properties are required. Typical uses include electrostatic precipitators and other similar equipment. FOR INDUSTRIAL USE ONLY!
Color	Charcoal gray
Finish	N/A
VOC Values	As Supplied : 62+/-4% As Supplied : 97+/-4%
Topcoats	Not Applicable

SUBSTRATES & SURFACE PREPARATION

Concrete or CMU	Concrete (Nonimmersion Service): Must be fully cured (28 days), clean and dry. Brush blast to remove laitance.
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PERFORMANCE DATA

Test Method	Results
Abrasive Resistance	10.2 milligrams average loss per 1000 cycles Taber CS-17 Wheel, 1000 gram weight
Electrical Resistance Pigments	Point-to-ground: <1.0 ohm; Surface resistivity: <1.0 ohm-square Inert electrically conductive fillers

Note: Resistance point-to-ground and surface resistivity determined within the context of methods and definitions of ASTM D-257, NFPA 99 and EOS/ESD STD 4. It is understood user must determine suitability for his own use.

MIXING & THINNING

Mixing	The Promoter (Part B) and the Catalyst (Part C) are supplied in separate containers and are premeasured for the coating unit supplied. Thoroughly mix the Coating (Part A). After the pigments and liquid are thoroughly mixed, add the entire amount of the measured liquid Promoter (Part B). MIX COMPLETELY (no color streaking or residue of Part B should remain on container sidewalls). Add the Catalyst (Part C) and mix completely with the coating. WARNING! The Promoter (Part B) and the Catalyst (Part C) must be separately mixed into the Coating (Part A). Any contact of unmixed Part B with Part C may lead to a fire or an explosion!
Thinning	Use Plasite Thinner #20. Thinning 2 to 5% may be needed to adjust coating for higher temperatures and various application conditions. Topcoating of previously applied films will require the addition of 2 to 5% thinner. Consult Carboline Technical Service Department for unusual thinning requirements. See RECOATING TIME.
Pot Life	1 to 1 ½ hours in 1 gallon cans and 1 hour in 5 gallon cans at 70°F to 90°F MATERIAL temperature. MATERIAL temperature in excess of 90°F will significantly reduce pot life. CAUTION! Do not attempt to extend pot life by mixing newly catalyzed coating into coating near the end of its pot life.

APPLICATION EQUIPMENT GUIDELINES

Listed below are general equipment guidelines for the application of this product. Job site conditions may require modifications to these guidelines to achieve the desired results.

Brush | Brush application is not recommended but may be used for repairs or touch-up.

CURING SCHEDULE

Surface Temp.	Cure Time
21°C (70°F)	10 Days
32°C (90°F)	70 Days

CLEANUP & SAFETY

Safety | For tank lining work or enclosed spaces, it is recommended that the operator provide himself with clean coveralls and rubber soled shoes and observe good personal hygiene. Certain personnel may be sensitive to various types of resins which may cause dermatitis. THE SOLVENT IN THIS COATING IS FLAMMABLE AND CARE AS DEMANDED BY GOOD PRACTICE, OSHA, STATE AND LOCAL SAFETY CODES, ETC. MUST BE FOLLOWED CLOSELY. Keep away from heat, sparks and open flame and use necessary safety equipment, such as, air mask, explosion-proof electrical equipment, non-sparking tools and ladders, etc. Avoid contact with skin and breathing of vapor or spray mist. When working in tanks, rooms and other enclosed spaces, adequate ventilation must be provided. Refer to PLASITE Bulletin PA-3. Keep out of the reach of children.

PACKAGING, HANDLING & STORAGE

Shelf Life | Approx. 3 months at 70°F. Cooler storage temperatures will increase shelf life. Storage at higher temperatures can result in substantially shorter shelf life.

Shipping Weight (Approximate) | Approx. 12 lbs. per gallon kit

WARRANTY

To the best of our knowledge the technical data contained herein is true and accurate on the date of publication and is subject to change without prior notice. User must contact Carboline Company to verify correctness before specifying or ordering. No guarantee of accuracy is given or implied. We guarantee our products to conform to Carboline quality control. We assume no responsibility for coverage, performance, injuries or damages resulting from use. Carbolines sole obligation, if any, is to replace or refund the purchase price of the Carboline product(s) proven to be defective, at Carbolines option. Carboline shall not be liable for any loss or damage. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY CARBOLINE, EXPRESS OR IMPLIED, STATUTORY, BY OPERATION OF LAW, OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. All of the trademarks referenced above are the property of Carboline International Corporation unless otherwise indicated.