

SELECTION & SPECIFICATION DATA

Generic Type	Alkyd Enamel Non-Skid
Description	A high solids, quick-dry, general-use, air dry enamel that is used as a self-priming, non-skid finish for light duty to medium use foot traffic. High profile aggregate provides very good non-slip properties. This product has exceptional application characteristics, fast dry properties and very good corrosion protection as a direct to metal coating.
Features	<ul style="list-style-type: none"> • Non-skid finish • Direct-to-metal application if desired. • Good weatherability, gloss and color retention • Contains corrosion inhibitor • Excellent application characteristics. • Quick dry to service times • Good flexibility • Impact and abrasion resistant • VOC-compliant for most areas
Color	Available in limited colors. Gray standard.
Finish	Gloss
Dry Film Thickness	2 - 3 mils (51 - 76 microns) per coat Do not exceed 4.0 mils (100 microns) in a single coat.
Solids Content	By Volume 55% +/- 2%
Theoretical Coverage Rate	882 ft ² /gal at 1.0 mils (21.7 m ² /l at 25 microns) 441 ft ² /gal at 2.0 mils (10.8 m ² /l at 50 microns) 294 ft ² /gal at 3.0 mils (7.2 m ² /l at 75 microns) Allow for loss in mixing and application.
VOC Values	As Supplied : 3.21 lbs./gal (384 g/l) These are nominal values and may vary slightly with color.
Limitations	Not for immersion applications or splash and spillage of acids, alkalies or solvents.

SUBSTRATES & SURFACE PREPARATION

General	Surfaces must be clean and dry. Employ adequate methods to remove dirt, dust, oil and all other contaminants that could interfere with adhesion of the coating.
Steel	Minimum SSPC-SP3 preferred. If abrasive blasted profile must not exceed 2.0 mils (50 microns).

MIXING & THINNING

Mixing	Power mix until uniform in consistency. Keep agitated during application to ensure uniform aggregate distribution (aggregate will settle).
Thinning	Normally not required. Use of thinners other than those supplied or recommended by Carboline may adversely affect product performance and void product warranty, whether expressed or implied.

Carbocoat[®] 8216 Non-Skid

PRODUCT DATA SHEET



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.

Spray Application (General) | The preferred method of application is by roller. The following spray equipment has been found suitable and is available from manufacturers.

Conventional Spray | Due to the size of the aggregate, bottom feed pressure pot equipped with dual regulators, mechanical agitator and a water trap is the preferred method for spray application. Use 1/2" I.D. minimum material hose with a maximum length of 25', 3/8" I.D. air hose. Use a conventional gun with 0.171" fluid tip. Back rolling may be needed to ensure complete coverage.

Airless Spray | Not recommended. Use conventional spray or roller application.

Brush & Roller (General) | Avoid excessive re-brushing or re-rolling.

Brush | Use a medium bristle brush.

Roller | Use a 3/8" roller.

APPLICATION CONDITIONS

Condition	Material	Surface	Ambient	Humidity
Minimum	35°F (2°C)	35°F (2°C)	35°F (2°C)	0%
Maximum	120°F (49°C)	120°F (49°C)	120°F (49°C)	95%

This product simply requires the substrate temperature to be above the dew point. Condensation due to substrate temperatures below the dew point can cause flash rusting on prepared steel and interfere with proper adhesion to the substrate. Special application techniques may be required above or below normal application conditions.

CURING SCHEDULE

Surface Temp.	Dry Hard	Dry to Handle	Dry to Touch
75°F (24°C)	24 Hours	2 Hours	30 Minutes

CLEANUP & SAFETY

Cleanup | Use Thinner #2 or Acetone. In case of spillage, absorb and dispose of in accordance with local applicable regulations.

Safety | Read and follow all caution statements on this product data sheet and on the SDS for this product. Employ normal workmanlike safety precautions. Use adequate ventilation and wear gloves or use protective cream on face and hands if hypersensitive. Keep container closed when not in use.

Ventilation | When used in enclosed areas, thorough air circulation must be used during and after application until the coating is cured. The ventilation system should be capable of preventing the solvent vapor concentration from reaching the lower explosion limit for the solvents used. User should test and monitor exposure levels to insure all personnel are below guidelines. If not sure or if not able to monitor levels, use MSHA/NIOSH approved respirator.

PACKAGING, HANDLING & STORAGE

Shelf Life	Min. 12 months at 75°F (24°C) *Shelf Life: (actual stated shelf life) when kept at recommended storage conditions and in original unopened containers.
Storage Temperature & Humidity	35° -110°F (2°-43°C) 0-100% Relative Humidity
Shipping Weight (Approximate)	1 Gallon - 12 lbs. (5.5 kg) 5 Gallons - 60 lbs. (27 kg) 55 Gallons - 600 lbs. (272 kg)
Flash Point (Setflash)	40°F (4.4°C)

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 to verify correctness before specifying or ordering. No guarantee of accuracy is given or implied. Carboline warrants our products to be free of manufacturing defects in accord with applicable Carboline quality control procedures. THIS WARRANTY IS NOT VALID WHEN THE PRODUCT IS NOT: (1) APPLIED IN ACCORDANCE WITH CARBOLINE'S SPECIFICATIONS, AND/OR (2) PROPERLY STORED, CURED, AND USED UNDER NORMAL OPERATING CONDITIONS. Carboline assumes no responsibility for coverage, performance, injuries, or damages resulting from use of the product. If this product is found not to perform as specified upon inspection by a Carboline representative during the warranty period, Carboline's sole obligation, if any, is to replace the Carboline product(s) proven to be defective or refund the purchase price thereof, at Carboline's sole option. Carboline shall not be liable for any other losses or damages. This warranty excludes (1) labor and costs of labor for the application or removal of any product, and (2) any incidental or consequential damages, whether based on breach of express or implied warranty, negligence, strict liability or any other legal theory. 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. The whole text of this Product Data Sheet, as well as the documents derived from it, have been written in English, and for legal purposes the English version shall prevail.