Carbocoat 8215 Non-Skid

PRODUCT DATA SHEET

SELECTION & SPECIFICATION DATA

Generic Type	Alkyd Enamel Non-Skid
Description	A high solids, quick-dry, air-dry enamel that is used as a self-priming, non-skid finish for light duty to medium use foot traffic. Low-profile aggregate provides exceptional non-slip properties even when wet. This product has excellent application characteristics, fast dry properties and very good corrosion protection as a direct to metal coating.
Features	• 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	Semi-Gloss
Dry Film Thickness	51 - 76 microns (2 - 3 mils) per coat Do not exceed 4.0 mils (100 microns) in a single coat.
Solids Content	By Volume 55% +/- 2%
Theoretical Coverage Rate	21.7 m²/l at 25 microns (882 ft²/gal at 1.0 mils) 10.8 m²/l at 50 microns (441 ft²/gal at 2.0 mils) 7.2 m²/l at 75 microns (294 ft²/gal at 3.0 mils) 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. If abrasive blasted profile must not exceed 2.0 mils (50 microns).

MIXING & THINNING

Mixing	Power mix until uniform in consistency.
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.

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 following spray equipment has been found suitable and is available from manufacturers.
Conventional Spray	Pressure pot equipped with dual regulators, 3/8" I.D. minimum material hose, 0.052" I.D. fluid tip and appropriate air cap.
Airless Spray	Not recommended. Use conventional spray or brush and roller.
Brush & Roller (General)	Avoid excessive re-brushing or re-rolling.
Brush	Use a medium bristle brush.
Roller	Use a short-nap roller.

APPLICATION CONDITIONS

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

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

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 MSDS 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.
Shipping Weight (Approximate)	1 Gallon - 12 lbs. (5.5 kg) 5 Gallons - 60 lbs. (27 kg) 55 Gallons - 600 lbs. (272 kg)
Storage Temperature & Humidity	35° -110°F (2°-43°C) 0-100% Relative Humidity
Flash Point (Setaflash)	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.