

## SELECTION & SPECIFICATION DATA

<b>Generic Type</b>	Two-components silane modified multipolymer.
<b>Description</b>	Carboxane 2000 WG is a combined inter-mediate/topcoat with excellent weathering properties.
<b>Features</b>	<ul style="list-style-type: none"> <li>• Combined intermediate/topcoat over suitable primers.</li> <li>• Can be used directly on steel and concrete.</li> <li>• Excellent for use in chemical industry, offshore, ships, bridges, hydropower and other heavy industry.</li> <li>• High gloss.</li> <li>• Isocyanate free.</li> </ul>
<b>Color</b>	Most RAL colours and others upon request.
<b>Finish</b>	High Gloss
<b>Primer</b>	May be used over most aged coatings with good adhesion to the substrate, including organic and inorganic zinc primers, vinyls and chlorinated rubbers. Carbozinc 858 is highly recommended as primer on steel substrate.
<b>Wet Film Thickness</b>	120 – 330 µm per coat, normally 150 µm.
<b>Dry Film Thickness</b>	100 - 300 microns (3.94 - 11.81 mils) per coat Normally 125 µm
<b>Solid(s) Content</b>	By volume: 82 ± 2%
<b>Theoretical Coverage Rates</b>	6,6 m <sup>2</sup> /l at 125 µm Allow for loss in mixing and application.
<b>Dry Temp. Resistance</b>	Continuous: 150°C (302°F) Non-Continuous: 170°C (338°F)
<b>Limitations</b>	Not recommended for immersion service.
<b>Topcoats</b>	Normally none, but can be overcoated with most polyurethanes and epoxies, or others as recommended.
<b>Density</b>	1.18 g/cm <sup>3</sup> depending on color

## SUBSTRATES & SURFACE PREPARATION

<b>General</b>	Surface 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.
<b>Steel</b>	Apply over clean, dry primers as recommended by Carboline.
<b>Concrete</b>	Apply over clean and dry substrate. Concrete must be cured at least 28 days at 20°C and 50% relative humidity or equivalent, prior to application of paint.

## MIXING & THINNING

<b>Mixing</b>	Power mix part A and part B separately, then combine and power mix.
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# Carboxane 2000 WG

## PRODUCT DATA SHEET



### MIXING & THINNING

<b>Thinning</b>	May be thinned up to 10% with Carboline Thinner #10. Use of thinners other than those supplied or recommended by Carboline may adversely affect product performance and void product warranty, whether expressed or implied.
<b>Ratio</b>	2,5 : 1 Ratio (A to B) by volume
<b>Pot Life</b>	4 Hours at 23° C and less at higher temperatures. Pot life ends when coating becomes too viscous to use. This product is moisture sensitive. Avoid moisture contamination.

### 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.

<b>General</b>	The following spray equipment has been found suitable and is available from manufactures such as Binks, De Vilbis and Graco:
<b>Airless Spray</b>	Pump Ratio: 30:1 (minimum) GPM Output: 3.0 (minimum) 12 liters/min. Material Hose: 3/8" I.D. (minimum) Tip Size: .017"-.021" Output PSI: 2000 Filter Size: 60 mesh  Teflon packings are recommended and available from the pump manufacturer.
<b>Brush &amp; Roller (General)</b>	Brush recommended for small areas and touch-up only.
<b>Brush</b>	Recommended for touch-up only. Use a medium natural bristle brush.
<b>Roller</b>	Use a medium-nap synthetic roller cover with phenolic core.

### APPLICATION CONDITIONS

Condition	Material	Surface	Ambient	Humidity
Minimum	5°C (41°F)	2°C (36°F)	2°C (36°F)	20%
Maximum	30°C (86°F)	50°C (122°F)	50°C (122°F)	85%

Industry standards are for substrate temperatures to be 3°C above the dew point.

### CURING SCHEDULE

Surface Temp.	Dry to Recoat	Dry to Handle
2°C (36°F)	20 Hours	36 Hours
10°C (50°F)	9 Hours	24 Hours
15°C (59°F)	6 Hours	18 Hours
25°C (77°F)	3 Hours	12 Hours

These times are based on 125 µm DFT. Higher film thickness, insufficient ventilation or cooler temperatures will require longer cure times and could result in solvent entrapment and premature failure.

## CLEANUP & SAFETY

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<b>Cleanup</b>	Clean equipment immediately. Use Carboline Thinner #2 or Acetone. In case of spillage, absorb and dispose of in accordance with local applicable regulations.
<b>Safety</b>	Read and follow all caution statements on this product data sheet and on the MSDS for this product. Employ normal workmanlike safety precautions. Hypersensitive persons should wear protective clothing, gloves and use protective cream on face, hands and all exposed areas.
<b>Ventilation</b>	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.
<b>Caution</b>	This product contains flammable solvents. Keep away from sparks and open flames. All electrical equipment and installations should be made and grounded in accordance with applicable regulations. In areas where explosion hazards exist, workmen should be required to use non-ferrous tools and wear conductive and non-sparking shoes.

## PACKAGING, HANDLING & STORAGE

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<b>Shelf Life</b>	24 months at 24°C
<b>Storage Temperature &amp; Humidity</b>	5° - 45°C 0 - 90% relative humidity
<b>Storage</b>	Store indoors.
<b>Packaging</b>	Part A 12,5 litres Part B 5,0 litres

## WARRANTY

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