

SELECTION & SPECIFICATION DATA

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| Generic Type | Two-Component High Solids Acrylic Epoxy Finish |
| Description | Carbocrylic is a high solids topcoat with good weathering capabilities. Offers a glossy, smooth, hard finish that is easy cleanable. One coat application capable. |
| Features | <ul style="list-style-type: none"> • Offers excellent corrosion and weathering protection. • NORSOK Approved for offshore • Recommended for chemical industry, offshore, power and heavy industry. |
| Color | Vestal White (1864), Light Gray (C705), Medium Gray (C703), Machine Gray (0754) Custom colors available by request. |
| Finish | Gloss |
| Topcoat | Normally not topcoated |
| Dry Film Thickness | 51 - 152 microns (2 - 6 mils) per coat |
| Solids Content | By Volume 64% +/- 2% |
| Theoretical Coverage Rate | 25.2 m ² /l at 25 microns (1027 ft ² /gal at 1.0 mils) 12.6 m ² /l at 50 microns (513 ft ² /gal at 2.0 mils) 4.2 m ² /l at 150 microns (171 ft ² /gal at 6.0 mils) Allow for loss in mixing and application. |
| VOC Values | As Supplied : 2.8 lbs/gal (336 g/l) |
| Dry Temp. Resistance | Continuous: 121°C (250°F) Non-Continuous: 149°C (300°F) |
| Limitations | Not recommended for immersion service. |
| Topcoats | Normally not topcoated |

SUBSTRATES & SURFACE PREPARATION

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| 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 | Apply over clean, dry primers, or intermediate coats as recommended. |
| Concrete | Apply over clean, dry primers, or intermediate coats as recommended. |

MIXING & THINNING

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| Mixing | Power mix separately, then combine and power mix. |
| Thinning | Contact Carboline Technical Service. Use of thinners other than those supplied or recommended by Carboline may adversely affect product warranty whether expressed or implied. |
| Ratio | 7:1 Ratio (A to B) by volume |
| Pot Life | 3 Hours @ 75°F |

Carbocrylic 1295 HS

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.

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| Spray Equipment | The following spray equipment has been found suitable and is available from manufacturers such as WIWA®. |
| Airless Spray | <ul style="list-style-type: none">• Pump Ratio: 30:1• GPM Output 3.0 (minimum)• Material Hose: 3/8" I.D. (minimum)• Tip Size: 0.013"-0.017"• Output PSI: 2100-2200• Filter Size: 60 Mesh <p>*PTFE packings are recommended and available from the pump manufacturer.</p> |
| Brush & Roller (General) | Brush and roller recommended for small areas only. *WIWA is a registered trademark of WIWA LP. |

APPLICATION CONDITIONS

| Condition | Material | Surface | Ambient | Humidity |
|-----------|-------------|--------------|--------------|----------|
| Minimum | 10°C (50°F) | 4°C (40°F) | 4°C (40°F) | 0% |
| Maximum | 35°C (95°F) | 54°C (130°F) | 49°C (120°F) | 85% |

Industry standards are for substrate temperatures to be 5°F (3°C) above the dew point. This product simply requires the substrate temperature to be above the dew point.

CURING SCHEDULE

| Surface Temp. | Dry to Recoat | Final Cure |
|---------------|---------------|------------|
| 4°C (40°F) | 48 Hours | 72 Hours |
| 16°C (60°F) | 20 Hours | 36 Hours |
| 24°C (75°F) | 12 Hours | 30 Hours |
| 29°C (85°F) | 8 Hours | 16 Hours |

These times are based on a 3.0 (75 micron) dry film thickness.

CLEANUP & SAFETY

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| 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. |
| 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 supplied air respirator. |

CLEANUP & SAFETY

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| Caution | 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 the National Electric Code. In areas where explosion hazards exist, workmen should be required to use non-ferrous tools and wear conductive and non-sparking shoes. |
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PACKAGING, HANDLING & STORAGE

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| Packaging | <u>Small Kit</u> Part A: 0.875 gal (11 lbs.) Part B: 0.125 gal (1.3 lbs.) |
| | <u>Large Kit</u> Part A: 4.375 gal (56 lbs) Part B: 0.625 gal (6 lbs) |
| Shelf Life | 24 months at 75 °F |
| Storage Temperature & Humidity | 40-120 °F 0-95% RH |
| Storage | Store Indoors |
| Flash Point (Setaflash) | 1295 HS Part A 81°F (27°C) |
| | 1295 HS Part B 61°F (16°C) |

WARRANTY

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