

SELECTION & SPECIFICATION DATA

Generic Type	Two-Component High Solids Acrylic Epoxy Finish
Description	Carbocrylic 1295 HS 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"> • Isocyanate free • Offers excellent corrosion and weathering protection. • NORSOK Approved for offshore • Recommended for chemical industry, offshore, power and heavy industry.
Color	Most RAL colours and others upon request.
Finish	Gloss
Dry Film Thickness	50 - 150 microns (1.95 - 5.9 mils) per coat
Solid(s) Content	By volume: 62 ± 2%
Theoretical Coverage Rates	8,3 m ² /l at 75 µm. Allow for loss in mixing and application.
VOC Values	As Supplied : 336 g/l
Dry Temp. Resistance	Continuous: 120°C (248°F) Non-Continuous: 150°C (302°F)
Limitations	Not recommended for immersion service.
Topcoats	Normally not topcoated
Density	1.29 g/cm ³ depending on color

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

MIXING & THINNING

Mixing	Power mix separately, then combine and power mix.
Thinning	May be thinned up to 10% with Thinner no.41 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 @ 24°C and less at higher temperatures.

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.

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 (39°F)	4°C (39°F)	0%
Maximum	35°C (95°F)	55°C (131°F)	50°C (122°F)	85%

Industry standards are for substrate temperatures to be 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 Touch	Dry to Handle	Dry to Recoat	Final Cure
4°C (39°F)	12 Hours	20 Hours	48 Hours	9 Days
16°C (61°F)	5 Hours	8 Hours	20 Hours	5 Days
24°C (75°F)	3 Hours	5 Hours	12 Hours	3 Days
29°C (84°F)	2 Hours	3 Hours	8 Hours	2 Days

These times are based on 75 µm dry film thickness. Higher film thickness, insufficient ventilation or cooler temperatures will require longer cure times and could result in solvent entrapment and premature failure.

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.
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

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

Shelf Life	36 months at 24°C
Storage Temperature & Humidity	5° - 45°C 0-95% RH
Flash Point (Setaflash)	1295 HS Part A 27°C 1295 HS Part B 16°C
Storage	Store Indoors
Packaging	Part A 17.5 litres Part B 2.5 litres

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.