

## SELECTION & SPECIFICATION DATA

<b>Generic Type</b>	Waterborne epoxy primer
<b>Description</b>	Carboguard 1340 WB is a two component, waterborne epoxy primer used as a primer/sealer for concrete substrates. It promotes the adhesion of a variety of topcoats including polyurethane/polyurea elastomers. It can be used on dry or damp concrete. It is particularly effective to prime damp concrete substrates prior to the application of topcoats that might otherwise be compromised by any surface moisture.
<b>Features</b>	<ul style="list-style-type: none"> <li>• Has excellent adhesion to concrete</li> <li>• Can be used over dry or damp concrete</li> <li>• Provides improved bond to damp concrete</li> <li>• Low odor; Low VOC</li> <li>• Fast dry to topcoat</li> </ul>
<b>Color</b>	Grey C703 and Clear 0000* Other colors may be available by special order. Contact your Carboline Representative for availability.  *Milky appearance when applied but turns clear when water evaporates
<b>Wet Film Thickness</b>	2.5 - 3.3 mils (63-83μ)
<b>Dry Film Thickness</b>	1.5 - 2 mils (38 - 51 microns) per coat
<b>Solids Content</b>	By Volume 55% +/- 2%
<b>Theoretical Coverage Rate</b>	882 ft <sup>2</sup> /gal at 1.0 mils (21.7 m <sup>2</sup> /l at 25 microns) 588 ft <sup>2</sup> /gal at 1.5 mils (14.4 m <sup>2</sup> /l at 38 microns) 441 ft <sup>2</sup> /gal at 2.0 mils (10.8 m <sup>2</sup> /l at 50 microns) Allow for loss in mixing and application.
<b>VOC Value(s)</b>	Per EPA Method 24: 0.05 lbs/gal (5 g/l)  Calculated minus water and exempt solvents
<b>Limitations</b>	Epoxies may lose gloss, discolor and chalk when exposed to sunlight.
<b>Topcoats</b>	As recommended

## SUBSTRATES & SURFACE PREPARATION

<b>General</b>	Surfaces must be cleaned. Employ adequate methods to remove dirt, dust, oil and all other contaminants that could interfere with adhesion of the coating.
<b>Concrete or CMU</b>	Concrete shall be designed, placed, cured, and prepared per NACE No. 6/SSPC-SP 13, latest edition. Abrade to remove all laitance, loose concrete, etc. and to create surface profile in accordance with ICRI CSP 2-5.

# Carboguard<sup>®</sup> 1340 WB

## PRODUCT DATA SHEET



### MIXING & THINNING

**Mixing** | Carboguard 1340 WB is normally unpigmented or clear in color, when cured. This unpigmented version does not need to mix the individual components. Just pour the Part A in to Part B and mix for 2 minutes.  
If Carboguard 1340 WB is pigmented (0700) then follow these instructions: Thoroughly power mix the pigmented Carboguard 1340 WB Part B for 3 minutes and then add the Carboguard 1340 WB Part A continuing to power mix for an additional 2 minutes.

**Ratio** | 2:1 by volume

**Pot Life** | Working time is 2 hours at 75 °F (24 °C)

### 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.

**General** | The standard clear (0000) applies as a translucent white film. It will turn clear in about two hour dry time signaling topcoat readiness. Allow to dry until signs of cloudiness or haziness are gone.

**Conventional Spray** | Pressure pot equipped with dual regulators, 3/8" I.D. minimum material hose, with a maximum length of 50 feet, 0.086" I.D. fluid tip and appropriate air cap.

**Brush & Roller (General)** | Use a synthetic bristle brush. Multiple coats may be required to achieve desired dry film thickness. Use a 3/8" to 1/2" woven nap roller. Multiple coats may be required to obtain desired appearance, hiding and recommended dry film thickness.

### APPLICATION CONDITIONS

Condition	Material	Surface	Ambient	Humidity
Minimum	50°F (10°C)	40°F (4°C)	40°F (4°C)	0%
Maximum	95°F (35°C)	120°F (49°C)	120°F (49°C)	90%

While this product is tolerant of damp concrete substrates it should be protected from excessive moisture until cured to a firm state.

### CURING SCHEDULE

Surface Temp.	Dry to Recoat or Topcoat	Maximum Recoat Time
40°F (4°C)	3 Hours	36 Hours
75°F (24°C)	2 Hours	24 Hours
90°F (32°C)	1 Hour	18 Hours

Higher film thickness, insufficient ventilation or cooler temperatures will require longer cure times. Maximum recoat time as listed above. After this period, the surface must be abraded to ensure adhesion. Alternatively, a second coat may be applied to "freshen" the surface within the recoat window listed in the chart.

### CLEANUP & SAFETY

**Cleanup** | Use clean water for clean-up. Use Thinner 2 for more difficult to clean tools. In case of spillage, absorb and dispose 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. Keep container closed when not in use.

## PACKAGING, HANDLING & STORAGE

<b>Packaging</b>	<u>3 gallon kits</u> 2 x 1 gallon cans Part A 1 x 1 gallon can Part B <u>15 gallon kits</u> 2 x 5 gallon cans Part A 1 x 5 gallon can Part B
<b>Shelf Life</b>	Part A: 12 months at 75°F (24°C)* Part B: 24 months at 75°F (24°C)*  *Shelf Life: (actual stated shelf life) when kept at recommended storage conditions and in original unopened containers.
<b>Storage Temperature &amp; Humidity</b>	60 - 90 °F (16 - 32 °C) <b>Do not freeze.</b>
<b>Storage</b>	Store Indoors.
<b>Shipping Weight (Approximate)</b>	15 Gallon Kit - 9.3 lbs/gal (4.2kg/gal)
<b>Flash Point (Setaflash)</b>	Part A: >230 °F (110 °C) Part B: >200 °F (93 °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 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.