

## SELECTION & SPECIFICATION DATA

<b>Generic Type</b>	High-Solids, High-Build Polyaspartic Coating (Formerly known as Carboseal 985 HB)
<b>Description</b>	This product is a high-solids, high-build polyaspartic developed for applications requiring a heavier bodied product. Its characteristics include excellent chemical resistance, adhesion, and resistance to UV degradation. It is low VOC product and is virtually odor free.
<b>Features</b>	<ul style="list-style-type: none"> <li>• Quick return to service (2-4 hours for foot traffic)</li> <li>• Smooth, gloss finish</li> <li>• Flexible with high impact resistance</li> <li>• Excellent UV protection</li> <li>• Excellent chemical and abrasion resistance</li> <li>• Extended pot-life or working time</li> <li>• Low VOC, low odor</li> <li>• Suitable for use in USDA inspected facilities</li> </ul>
<b>Color</b>	Black (1907), Yellow (6666) Other colors may be available by special order. Contact your Carboline representative for availability.
<b>Finish</b>	Gloss
<b>Primer</b>	Carboguard 1340 WB at 1.5-2.0 mils DFT or other epoxy primers as recommended by Carboline or Dudick.
<b>Dry Film Thickness</b>	10 - 15 mils (254 - 381 microns) per coat
<b>Solids Content</b>	By Volume 95% +/- 2%
<b>Theoretical Coverage Rate</b>	1524 ft <sup>2</sup> /gal at 1.0 mils (37.4 m <sup>2</sup> /l at 25 microns) 152 ft <sup>2</sup> /gal at 10.0 mils (3.7 m <sup>2</sup> /l at 250 microns) 102 ft <sup>2</sup> /gal at 15.0 mils (2.5 m <sup>2</sup> /l at 375 microns) Allow for loss in mixing and application.
<b>VOC Values</b>	<b>As Supplied</b> : 0.12 lbs/gal (15 g/L)
<b>Dry Temp. Resistance</b>	Continuous: 200°F (93°C) Non-Continuous: 250°F (121°C)

## SUBSTRATES & SURFACE PREPARATION

<b>Steel</b>	Not recommended for steel substrates.
<b>Concrete</b>	<p>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.</p> <p>Contact Carboline or Dudick for advice if there are impurities, such as oils, excess moisture, etc., in the concrete. Check the relative humidity of floors at ground level. Follow our instructions for connections to grid drains, cesspools, pipes and pipe inlets.</p>

# Sealer 985 HB

## PRODUCT DATA SHEET



### MIXING & THINNING

**Mixing** | Power mix separately, then combine and power mix.  
DO NOT MIX PARTIAL KITS.

**Thinning** | Not recommended.

**Ratio** | 1:1

**Working Time** | 30-45 minutes 75 °F (24 °C)

### APPLICATION PROCEDURES

**Application** | The mixed product should be poured out evenly then applied to the desired thickness with a notched squeegee. Back rolling with a 3/16" (0.48 cm) shed-resistant nap roller is recommended after the squeegee application has been executed. Roller covers should be changed every 30-45 minutes in order to keep longer working time. Brush application should only be employed for cut in, small areas, touch-ups, and repairs.

Caution: This product in the liquid stage is moisture sensitive and needs to be protected from high humidity, dew and direct moisture contact until cured to a firm state. Application and/or curing in humidity above maximum or exposure to moisture from rain or dew may result in a loss of gloss, micro bubbling and/or blistering of the product.

### APPLICATION CONDITIONS

Condition	Material	Surface	Ambient	Humidity
Minimum	35°F (2°C)	35°F (2°C)	35°F (2°C)	30%
Maximum	100°F (38°C)	100°F (38°C)	100°F (38°C)	85%

Humidity levels below 30% will require longer cure times.

### CURING SCHEDULE

Surface Temp.	Minimum Recoat Time	Dry Time (Light Foot Traffic)	Maximum Recoat Time	Final Cure
75°F (24°C)	2 Hours	2 Hours	24 Hours	7 Days

### CLEANUP & SAFETY

**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. Keep container closed when not in use.

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**PACKAGING, HANDLING & STORAGE**


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<b>Packaging</b>	<b>2 Gallon Kit</b>
	Part A - 1 gallon
	Part B - 1 gallon
	<b>10 Gallon Kit</b>
	Part A - 5 gallons
	Part B - 5 gallons
	<b>106 Gallon Kit</b>
	Part A - 53 gallons
	Part B - 53 gallons

<b>Shelf Life</b>	24 Months in unopened container
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<b>Storage Temperature &amp; Humidity</b>	60-100 °F (16-38 °C) 0-100% Relative Humidity
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<b>Storage</b>	Store Indoors
	This product is solvent based and not affected by excursions below these published storage temperatures, down to 10 °F (-12 °C), for the duration of no more than 14 days. Always inspect the product prior to use to make sure it is smooth and homogeneous when properly mixed.

<b>Shipping Weight (Approximate)</b>	10 Gallon Kit - Approx. 105 lbs (47.6 kg) 106 Gallon Kit - Approx. 1,112 lbs (504.4 kg)
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<b>Flash Point (Setaflash)</b>	Part A: > 200 ° F (93 °C) Part B: > 200 ° F (93 °C)
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**WARRANTY**


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