

## SELECTION & SPECIFICATION DATA

<b>Generic Type</b>	2-component low viscosity epoxy primer
<b>Description</b>	Carboseal 720 is a two component, low viscosity epoxy resin primer for cementitious substrates. Designed to promote adhesion by penetrating into the pores of the concrete substrate. Carboseal 720 seals the surface and prepares the substrate for a coating system.
<b>Features</b>	<ul style="list-style-type: none"> <li>• Excellent adhesion to concrete</li> <li>• Very low or no odor</li> <li>• Solvent free</li> <li>• Compatible with a wide variety of systems</li> <li>• Easy to apply</li> </ul>
<b>Color</b>	Clear (0000) only
<b>Finish</b>	Gloss
<b>Dry Film Thickness</b>	6 - 8 mils (152 - 203 microns) per coat
<b>Recommended Thickness</b>	6-8 mils (152.4-203.2 microns)
<b>Solids Content</b>	By Volume 100%
<b>Theoretical Coverage Rate</b>	1604 ft <sup>2</sup> /gal at 1.0 mils (39.4 m <sup>2</sup> /l at 25 microns) 267 ft <sup>2</sup> /gal at 6.0 mils (6.6 m <sup>2</sup> /l at 150 microns) 200 ft <sup>2</sup> /gal at 8.0 mils (4.9 m <sup>2</sup> /l at 200 microns) Allow for loss in mixing and application.
<b>VOC Values</b>	<b>As Supplied</b> : 0.08 lbs/gal. (10 g/L)
<b>Topcoats</b>	Most Carboseal and Carbocrete products

## SUBSTRATES & SURFACE PREPARATION

<b>Concrete</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.
	Contact Carboline 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.

## MIXING & THINNING

<b>Mixing</b>	Power mix separately, then combine and power mix. DO NOT MIX PARTIAL KITS.
<b>Ratio</b>	2:1 HPR High Performance Resin Base Pt A to Carboseal 720 Hardener Pt B
<b>Working Time</b>	40 minutes at 70 °F (21 °C) At higher temperatures the application time is shorter.

# Carboseal<sup>®</sup> 720

## 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.

**General** | Material is spread with rubber squeegee and finished with a 3/16" woven shed resistant roller.

### APPLICATION CONDITIONS

Condition	Material	Surface	Ambient	Humidity
Minimum	60°F (16°C)	50°F (10°C)	60°F (16°C)	0%
Maximum	90°F (32°C)	90°F (32°C)	90°F (32°C)	90%

The recommended substrate temperature is 60-80 °F (16-27 °C), but no less than 50 °F (10 °C). The temperature of the substrate should not exceed the dew point by 5 °F (3 °C) during application and hardening. Temperatures should not fall below 40 °F (4 °C) for the next 24 hours after application.

### CURING SCHEDULE

Surface Temp.	Minimum Recoat Time	Maximum Recoat Time
70°F (21°C)	12 Hours	24 Hours

The product is fully hardened after 5-7 days. High humidity in early stages of cure can result in white, matte surfaces (blooming).

### CLEANUP & SAFETY

<b>Cleanup</b>	Toluene or Xylene solvents are recommended for clean up of material spills. Dispose of waste materials in accordance with Government Regulations. Note that product exotherms. Larger masses in containers can become very hot. Sand may be added to any unused material as a heat sink.
<b>Safety</b>	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.

### PACKAGING, HANDLING & STORAGE

<b>Packaging</b>	<b>3 Gallon Kit</b> 2 gallons - HPR High Performance Resin Base A 1 gallon - Carboseal 720 Hardener B <b>12 Gallon Kit</b> HPR High Performance Resin Base A - 2 X 4 gal (30.3 liters) Carboseal 720 Hardener B - 4 gal (15.1 liters)
<b>Shelf Life</b>	HPR High Performance Resin Base A - 12 months Carboseal 720 Hardener B - 12 months  In unopened container
<b>Storage Temperature &amp; Humidity</b>	Storage temperature between 40-100 °F (4-38 °C).
<b>Shipping Weight (Approximate)</b>	9.4 lbs/gal (4.3 kg/gal)

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## PACKAGING, HANDLING & STORAGE

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**Flash Point (Setaflash)** | Part A: >392 °F (200 °C)  
Part B: >212 °F (93 °C)

## WARRANTY

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