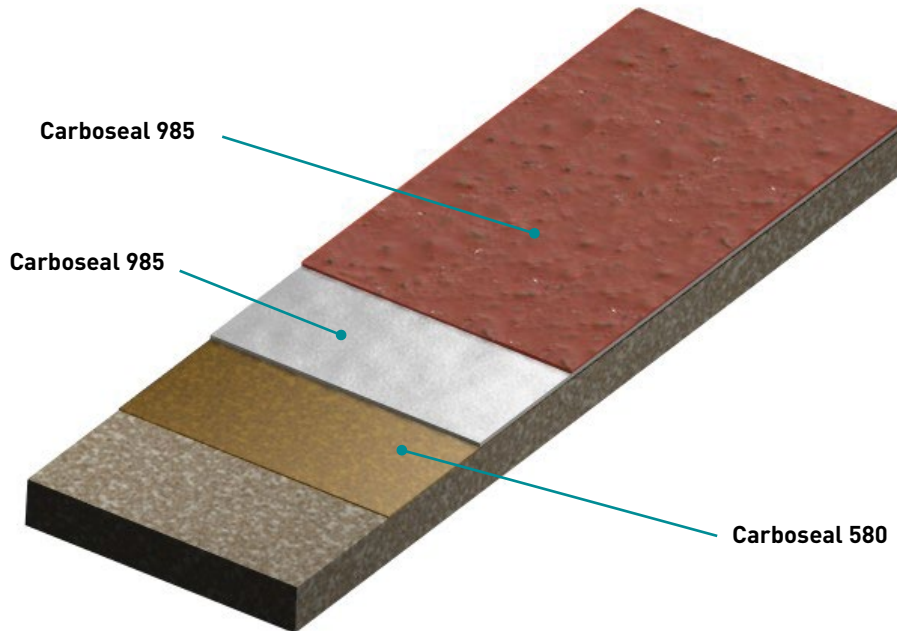


Carboseal™ 985

SYSTEM INFORMATION SHEET



- » Extremely versatile, high solids (low odor), polyaspartic floor systems
- » Quick return to service
- » Long working times optimize leveling and wetting properties
- » Very good chemical and thermal shock resistance
- » Excellent color and gloss retention
- » Available in custom colors
- » USDA compliant system

TEST METHOD	RESULTS
Abrasion Resistance (ASTM D4060) CS-17 Wheel, 1,000 cycles	70 mg loss
Elongation (ASTM D412)	75%
Flexibility (ASTM D1737)	Passes 1/8" mandrel bend
Hardness, Shore D (ASTM D2240)	45
Impact Resistance (ASTM D4226)	160 in/lb
Tear Strength (ASTM D624)	375 psi
Tensile Strength (ASTM D412)	2,920 psi
Temperature Resistance (continuous)	140°F
Temperature Resistance (non-continuous)	160°F

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SYSTEM INFORMATION SHEET

SYSTEM STEPS	PRODUCT	THICKNESS	THEORETICAL COVERAGE RATE	PACKAGING	APPLICATION EQUIPMENT	RECOAT TIME
A. Primer	Carboseal 580	1.5-2 mils	450-550 ft² per gallon	Carboseal 580 Pt. A Carboseal 580 Pt. B	Brush Short Nap Roller	2 hours
The mixed product can be poured out directly to the floor. Spread to the desired thickness short nap roller.						
B. Base Coat	Carboseal 985	10-15 mils	100-150 ft² per gallon	Carboseal 985 Pt. A Carboseal 985 Pt. B	Squeegee Short Nap Roller	2 hours
The mixed product should be poured out evenly over the floor and then applied to the desired thickness with a notched squeegee. Back rolling with a 3/16" (0.48 cm) shed resistant, medium 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. *Broadcast could be applied at this point for decorative or safety purposes.						
C. Topcoat	Carboseal 985	10-15 mils	100-150 ft² per gallon	Carboseal 985 Pt. A Carboseal 985 Pt. B	Squeegee Short Nap Roller	2 hours
The mixed product should be poured out evenly over the floor and 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.						

OPTIONAL BROADCAST METHODS

PRODUCT	BROADCAST MEDIA	THEORETICAL COVERAGE RATE	PACKAGING	INSTRUCTIONS
Pigmented Non-Slip Floor	20/40 Mesh Broadcast Sand or Quartz Filler #50	Approx. 1/2-1 lb. per ft²	Typically 50 lb. bag	Broadcast into wet base coat until rejection. After coating has reached walk-on cure time, remove excess aggregate and apply topcoat. Typically used with pigmented Carboseal 985.
Decorative Quartz Floor	Quartz Filler #50 or 20/40 Mesh Broadcast Sand	Approx. 1/2-1 lb. per ft²	Typically 50 lb. bag	Broadcast into wet base coat until rejection. After coating has reached walk-on cure time, remove excess aggregate and apply topcoat. Typically applied in with a double broadcast into clear Carboseal 985.
Decorative Flake Floor	Vinyl Color Chips/Flakes	2-10 lb. per ft² for full broadcast depending on flake size	Typically a 50 lb. box	Broadcast into wet base coat until rejection. After coating has reached walk-on cure time, remove excess aggregate and apply topcoat. Typically applied in with a single broadcast into pigmented Carboseal 985 and topcoated with clear Carboseal 985.

CHEMICAL RESISTANCE

Carboseal 985 has demonstrated excellent resistance to the following chemicals for 72 hours at 70°F.

Acetone	Diesel Fuel	Hydrochloric Acid-10%
MEK	Sodium Hydroxide-25-50%	Phosphoric Acid-10%
Mineral Spirits	Brine Water	Hydraulic Fluid
Isopropal Alcohol	Motor Oil	Sodium Bicarbonate
Toluene	Potassium Hydroxide-10-20%	
Xylene	Anti-Freeze-50%	

Carboseal 985

SYSTEM INFORMATION SHEET

INSTALL

This document is meant as a guideline for the installation of the Carboseal 985 system. Contact Carboline Technical service for further assistance prior to the installation of Carboseal system

SURFACE PREPARATION

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.

MIXING

All mixing should follow the mixing instructions on the specific Carbocrete or Carboseal Product Data pages.



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NOTE:

The technical data presented in this document is accurate to the best of Carboline's knowledge based on laboratory testing of the product(s) or system(s) described. Actual results in the field may vary depending on field conditions and application methods. The performance characteristics stated do not constitute a guarantee or warranty that the products will meet the stated results under all circumstances. Contact Carboline technical staff with questions.