

SELECTION & SPECIFICATION DATA

Generic Type	Two component, 100% solids thixotropic epoxy floor coating
Description	A thixotropic epoxy primer for skirting and coving on cementitious substrates. The viscosity of Carboseal 702 makes it an excellent choice for use as a grout coat for epoxy mortar systems or for an orange peel effect floor coating.
Features	<ul style="list-style-type: none"> • Ultra low VOC • Low odor • Builds well on vertical surface • 100% Solids • Easy to apply • Wet on wet application with coving materials • Excellent grout coat of epoxy mortars
Color	<p>Stocked Colors: Light Gray (Q700), Medium Gray (Q701) Made to Order: Blue (Q100), Khaki (Q200), Beige (201), Green (Q300), Brick Red (Q500), Traffic Red (Q502), Traffic Yellow (Q602), Dark Gray (Q702), Charcoal (Q707), White (Q800), Black (Q900)</p> <p>A Universal Color Pack can be added for use as a grout coat or for an orange peel effect coating.</p>
Finish	Gloss
Dry Film Thickness	10 - 12 mils (254 - 305 microns) per coat
Typical Uses	Used as a primer for wet on wet applications of troweled coving materials. With the addition of a Universal Color Pack, it can be used as a grout coat for epoxy mortars or for an orange peel finish coating.
VOC Values	As supplied 0.08 lbs/gal (10 g/L)
Topcoats	<p>Coving: Carbocrete Cove, Carboseal 710 or other epoxy cove materials as recommended by Carboline</p> <p>Carboseal 705, Carboseal 715, Carboseal 725, Carboseal 835, Carboseal 865 or Carboseal 985 or others as recommended by Carboline</p>

SUBSTRATES & SURFACE PREPARATION

Concrete or CMU	<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 2-7.</p> <p>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.</p>
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MIXING & THINNING

Mixing | Premix Carboseal 702 Base A then add Carboseal 702 Hardener B to Base A. Mix with slow speed drill and helical spinner, taking care not to entrain air.
If using a universal color pack add the color pack to Base A and mix until uniform prior to adding the Hardener B.

Note: Carboline products are often multiple-component systems. Poor mixing, or incorrect mixing procedures, can result in irregular and incomplete hardening, which in turn can result in an inferior final result.

Ratio | 2:1 (A to B)

Working Time | 40 min at 70 °F (21 °C)
At higher temperatures the working time is shorter.

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 |
• Epoxy resistant brush
• Rubber squeegee
• Shed resistant medium nap roller

APPLICATION PROCEDURES

Application | **For use as a grout coat or orange peel coating:**
Immediately after mixing, pour Carboseal 702 evenly over the floor. Then spread to the desired thickness with a notched rubber squeegee and back roll with a shed resistant medium nap roller.

Brush | When using Carboseal 702 as coving primer spread the material by brush onto the vertical surface and apply coving material directly to wet Carboseal 702.

APPLICATION CONDITIONS

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

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 (4.4 °C) in the 24 hours after application.

CURING SCHEDULE

Surface Temp.	Dry to Topcoat Minimum	Dry to Topcoat Maximum	Final Cure
70°F (21°C)	12 Hours	24 Hours	7 Days

At lower temperatures cure times will be longer. Final cure will take place in 5-7 days.
When using as a primer for coving material the coving should be applied into wet or tacky primer or, if they are to be applied onto a tack free primer, a sand scatter should be applied to ensure the mortar does not slip during compaction.

CLEANUP & SAFETY

Cleanup | Clean tools immediately with acetone or MEK.

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.

PACKAGING, HANDLING & STORAGE

Packaging | **3 Gallon Kit:**
Carboseal 702 Base A - 2 gal (7.6 liters)
Carboseal 702 Hardener B - 1 gal (3.8 liters)
12 Gallon Kit:
Carboseal 702 Base A - 8 gal (30.3 liters)
Carboseal 702 Hardener B - 4 gal (15 liters)

Shelf Life | 12 months in unopened container

Storage Temperature & Humidity | 40-100 °F (4-38 °C)

Storage | Protect from weather and moisture / contaminant ingress.

Shipping Weight (Approximate) | 3 Gallon Kit - Approx. 34 lbs (15.4 kg)
12 Gallon Kit - Approx. 122 lbs (55.5 kg)

Flash Point (Setaflash) | Part A: >392 °F (200 °C)
Part B: >212 °F (100 °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.