



# DC710 Acrylic Sealer - Low Gloss

## Sealer

**PRODUCT DESCRIPTION:**

**DC710** is a water-based, clear-coat acrylic sealer that features a matte to low gloss finish. Excellent for use on concrete and other cement surfaces, such as Epic self levelling cements. Provides good protection from minor stains, grime and dust. This easy to use formulation provides an economical and quick solution for protection of various substrates.

**VOLATILE ORGANIC CONTENT:** VOC less than 84 g/l

**RECOMMENDED FILM THICKNESS:** 3-4 mils wet (0.5 – 1.0 mils dry)

**COVERAGE PER GALLON:** 401-534 square feet @ 3-4 mils wet thickness

**PACKAGING INFORMATION** This product is available in 1 gallon, 5 gallon and 50 gallon containers.

**SHELF LIFE:** 1 year in unopened containers

**ABRASION RESISTANCE:** Taber CS-17 calibrase wheel with 1000 gram total load and 500 cycles = 80 mg loss

**IMPACT RESISTANCE:** Gardner Impact, direct = 50 in.lb. (Passed)

**FLEXIBILITY:** No cracks on a 1/8" mandrel

**ADHESION:** 395 psi @ elcometer (concrete failure, no delamination)

**VISCOSITY:** Less than 200 cps (typical)

**PEEL ADHESION:** Excellent

**PRIMER:** None required.

CURE SCHEDULE: (70°)	
Tack Free (Dry to Touch)	1-2 hours
Recoat or Topcoat	2-4 hours
Light Foot Traffic	3-5 hours
Full Cure (Heavy Traffic)	2-3 days

Application Temperature: 60-100°F with relative humidity below 85%

CHEMICAL RESISTANCE	
Reagent	Rating
Gasoline	1
Brake Fluid	1
Used motor oil	5
DI water	5
Rating key: (film damage) 1 = severe -> 5 = no damage	

STAIN RESISTANCE	
Kool-Aid	10
Mustard	10
Chocolate	10
Ketchup	10
Coal-Tar	2
Rating Key: 10= excellent stain resistance -> 0 = no stain resistance.	

## MIXING AND APPLICATION INSTRUCTIONS (DC710)

**PRODUCT STORAGE:** Store product in an area so as to bring the material to normal room temperature before using. Continuous storage should be between 60 and 90 degree F. Keep from freezing.

**SURFACE PREPARATION:** Surface preparation will vary according to the type of substrate. All dirt, oil, dust, foreign contaminants and laitance must be removed to assure a trouble free bond to the substrate. A test should be made to determine that the concrete has an appropriate vapor barrier. This can be done by placing a 4'X4' plastic sheet on the substrate and taping down the edges. If after 24 hours, the substrate is still dry below the plastic sheet, then the substrate does not show signs of eventual hydrostatic pressure problems that may later cause disbonding. Epic DC540 Moisture Block can be effectively used as an appropriate moisture barrier. However, this product can be applied to a damp floor as long as there are not standing puddles.

**PRODUCT MIXING:** DC710 product should be stirred well before using. Mix with slow speed mixing equipment to avoid introducing air into the material.

**PRODUCT APPLICATION:** Epic DC710 can be applied by brush or roller. Apply generously to substrate and spread to a film thickness of 3-4 mils. Can be applied in multiple coats. Successive coats can be applied within 2-4 hours, depending on jobsite conditions. Re-coating can be applied when product is dry to touch and well bonded. Maintain temperatures and humidity within the recommended ranges during the application and curing process.

**CLEANUP:** Use Soap and Water

**FLOOR CLEANING:** Caution! Some cleaners may affect the color of the floor installed. Test each cleaner in a small area, utilizing your cleaning technique. If no ill effects are noted, you can continue to clean with the product and process tested.

**RESTRICTIONS:** Restrict the use of the floor to light traffic and non-harsh chemicals until the coating is fully cured (see technical data under full cure). It is best to let the floor remain dry for the full cure cycle. Dependent on actual complete system application, surface may be slippery, especially when wet or contaminated; keep surface clean and dry.

### LIMITATIONS:

- Clarity of color or gloss may be affected by high humidity, low temperatures or chemical exposure.
- For best results use a good quality 3/8" nap roller.
- Slab on grade requires moisture barrier.
- Substrate temperature must be 5°F above dew point
- All new concrete must be cured for at least 30 days
- Do not apply this product to areas where there is standing water, damp concrete can be coated.
- Physical properties listed on this technical data sheet are typical values and not specifications.

### NOTICE TO BUYER: DISCLAIMER OF WARRANTIES AND LIMITATIONS ON OUR LIABILITY

We warrant that our products are manufactured to strict quality assurance specifications and that the information supplied by us is accurate to the best of our knowledge. Such information supplied about our products is not a representation or a warranty. It is supplied on the condition that you shall make your own tests to determine the suitability of our product for your particular purpose. Any use or application other than recommended herein is the sole responsibility of the user. Listed physical properties are typical and should not be construed as specifications. NO WARRANTY IS MADE, EXPRESSED OR IMPLIED, REGARDING SUCH OTHER INFORMATION, THE DATA ON WHICH IT IS BASED, OR THE RESULTS YOU WILL OBTAIN FROM ITS USE. NO WARRANTY IS MADE, EXPRESSED OR IMPLIED, THAT OUR PRODUCT SHALL BE MERCHANTABLE OR THAT OUR PRODUCT SHALL BE FIT FOR ANY PARTICULAR PURPOSE. NO WARRANTY IS MADE THAT THE USE OF SUCH INFORMATION OR OUR PRODUCT WILL NOT INFRINGE UPON ANY PATENT. We shall have no liability for incidental or consequential damages, direct or indirect. Our liability is limited to the net selling price of our product or the replacement of our product, at our option. Acceptance of delivery of our product means that you have accepted the terms of this warranty whether or not purchase orders or other documents state terms that vary from this warranty. No representative is authorized to make any representation or warranty or assume any other liability on our behalf with any sale of our products. Our products contain chemicals that may CAUSE SERIOUS PHYSICAL INJURY. BEFORE USING, READ THE MATERIAL SAFETY DATA SHEET AND FOLLOW ALL PRECAUTIONS TO PREVENT BODILY HARM.