

# AQUAFIN® CS-250

**Clear acrylic sealer for AQUAFIN-2K/M, Decorflex and masonry surfaces**

**CSI Div. 07**

07 19 13 Acrylic Water Repellents

**LEED Points**

MR Credit 5.1, Regional Materials.....Up to 2 Points  
 IEQ Credit 4.2, Low-Emitting Materials Paints and Coatings...1 Point  
*Using this AQUAFIN product can help contribute to LEED certification of projects in the categories shown above.*

**Product Description:**

AQUAFIN-CS/250 is a water based, V.O.C. compliant, 100% acrylic clear concrete sealer. The treated surface dries to a transparent finish, providing a fresh look and protecting the substrate from environmental influences.

**Typical Applications:**

AQUAFIN-CS/250 is appropriate for new and cured concrete surfaces, brick, block, AQUAFIN-2K/M and Decorflex. It intensifies and brightens colored concrete, and gives all treated surfaces a fresh look.

**Advantages:**

- Weather resistant
- UV resistant
- Does not yellow

**Substrate Preparation:**

- The surfaces to be treated must be dry, sound, clean and free from loose particles or other coatings.
- Remove efflorescence on the concrete surface before applying AQUAFIN- CS/250.
- Wait 24 - 48 hrs to apply over newly placed concrete or coatings. Cool, damp conditions prolong the curing time.

**Application:**

Apply AQUAFIN-CS/250 with roller, air-less spray equipment or manually with a brush. Product must be applied in a uniform manner, leaving no puddles. Note: several mist coats are more effective than a heavy single coat. Where desired or specified, apply second coat as soon as the first coat is dry.

Application rates:

- 1 coat application: 200 - 300 ft<sup>2</sup>/gal (4.9 - 7.4 m<sup>2</sup>/l)
- 2 coat application: 350 - 450 ft<sup>2</sup>/gal (8.6 - 11.0m<sup>2</sup>/l) per coat

Exact coverage depends on the surface structure, porosity and absorption of the concrete.

Technical Properties:	
Aggregate State	Liquid
Color	Milky
Odor	Pleasant
Density	8.7 lb/gal (1.04 kg/l) @68°F
pH Value	8 @ 68°F (20°C)
Solids Content	25%
VOC Content	70g/L (0.58 lb/gal)
Boiling Point	212°F (100°C)
Flash Point	N/A - Non-flammable
Working temperature	40°F - 70°F (5°C - 25°C)
Drying Time	1 hr @ 68°F
Foot Traffic	After 24 hours
Adhesion	Cohesive film failure
Abrasion resistance	225 to 350 g/mil on glass (ASTM D-658-44)

**Stain Resistance (1 hour exposure):**

Chocolate Syrup	no effect
Coffee	no effect
Grape Juice	no effect
Ketchup	no effect
"Kool-Aid"	no effect
Mustard	no effect
Coal Tar	poor
Tincture of Iodine	poor

**Chemical Resistance (1 hour exposure with no evaporation):**

DI Water	no effect
Used Motor Oil	no effect
10% Ammonia	no effect
10% Calcium Chloride	no effect
10% Sodium Chloride	no effect
10% Sodium Hydroxide	no effect
3% Trisodium Phosphate	no effect
10% hydrochloric Acid	fair
Brake Fluid	poor
Gasoline	poor
Skydrol	poor

**Water Blushing Resistance on Pigmented Concrete:**

48 hr in Fog Box: Slight bluish bluish which recovers to clear on drying.

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**Clean-up:**

Clean tools and equipment with water immediately after use.

**Shelf Life:**

Protect from freezing and contamination. Shelf life in unopened, original containers is 12 months, when stored at 68°F (20°C).

**Packaging:**

5 gal. (18.9 L) pail at 44 lb (20 kg).

**Limitations:**

- Do not apply AQUAFIN-CS/250 during rain or strong sun exposure.
- Do not thin.
- Protect the freshly treated surfaces from rain, snow or excessive moisture for a period of 24 hrs (at 68°F (20°C) and 65% RH)
- Protect from freezing for 24 hours after application.

**Note:**

Proper application is the responsibility of the user. Field visits by AQUAFIN personnel are for the purpose of making technical recommendations and not for supervising or providing quality control on-site.

**Health & Safety:**

Refer to MSDS. For commercial use only. Avoid contact with eyes, skin and clothing. Irritant to eyes, skin and mucus membrane. After contact with skin, wash immediately with plenty of soap and water and rinse carefully. In case of eye contact, rinse immediately with plenty of water and seek medical advice. KEEP OUT OF REACH OF CHILDREN.

LIMITED WARRANTY: AQUAFIN, INC. warrants this product for a period of one year from the date of installation to be manufactured free of defects and to be consistent with its technical properties as stated in our current Technical Data Sheet. This product must be used as directed and within its stated shelf life. AQUAFIN INC. will replace or at our discretion refund the purchase price of any product, excluding cost of labor, which is proven to be defective. Our product recommendations are based on industry standards and testing procedures. It is the buyer's obligation to test the suitability of the product for an intended use prior to using it. We assume no warranties written, expressed or implied as to any specific methods of application or use of the product. AQUAFIN INC. MAKES NO WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES EXPRESS OR IMPLIED. AQUAFIN, INC. shall not be liable for damages of any sort including remote or consequential damages, down time, or delay. Any claim for a defective product must be filed within 30 days of discovery of a problem, and must be submitted with written proof of purchase.

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