TECHNICAL DATA SHEET

AQUASHINE

High-Solids Water-Based Acrylic Sealer

DESCRIPTION

AquaShine is a water-based methacrylate cure and sealer developed for interior and exterior applications, such as exposed aggregate, natural stone, brick, quarry tile, terrazzo and other concrete surfaces. This non-yellowing, low-odor, durable sealer enhances the appearance of all treated surfaces with a satin-gloss sheen.

BENEFITS

- Beautifies and protects stamped concrete, acid-stained concrete, integrally colored concrete and exposed aggregate
- Minimizes efflorescence
- Protects sealed surfaces from the damaging effects of de-icing salts and acid rain
- Provides resistance to abrasion and a wide range of chemicals and oils
- Will not yellow under extreme UV exposure
- Acts as a binder to minimize aggregate pop-out
- Water-based; VOC compliant

COMPLIANCE/STANDARDS

- VOC content less than 100 g/L
- Complies with federal VOC standards for curing and sealing compounds. Do not thin or dilute.
- Complies with ASTM C1315, Type I, Class A

APPLICATION

Ready to use. Do not dilute. Application at temperatures above 40 °F (4 °C) and rising is recommended.

New Concrete/Exposed Aggregate Sealer: Apply with a sprayer or roller in a uniform thin film; spray apply for best results. Only one coat of AquaShine is needed to cure, seal, beautify and protect. For increased gloss, a second coat may be applied. Allow the first coat to dry thoroughly before applying the second, typically 6–8 hours. Two thin coats will produce a better gloss than one heavy coat, especially on porous substrates.

Existing Concrete: The concrete surface must be clean, dry and free of all stains, oil, grease, dirt and incompatible coatings prior to application. On smooth, dense surfaces, best results can be achieved by lightly buffing and using a microfiber applicator. Apply in accordance with recommended coverage rates; coverage may vary due to porosity and conditions of the concrete.

As the porosity of exposed aggregate, brick and other surfaces varies greatly, test panels should be made to determine the suitability of this product and the number of coats required. An application of AquaShine will renovate existing concrete, brick or terrazzo floors, leaving them brighter and easier to clean and maintain.

COVERAGE

Application	sq ft/gal	m^2/L
New or existing concrete	200–400	4.9–9.8
Exposed aggregate	200–300	4.9–7.4
Brick, stucco, etc.	200–300	4.9–7.4

TECHNICAL DATA INFORMATION

VOC ..... < 100 g/L
Color ..... White
Finished color ..... Clear
Drying time ..... 4 hours
Flash point ..... > 200 °F (93 °C)

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CHEMICAL RESISTANCE

Substance	1 h	3 h	7 h	24 h
Mustard	E	E	G	F
Ketchup	E	E	E	E
Olive oil	E	E	E	E
Balsamic vinegar	E	E	E	E
Canola oil	E	E	E	E
Pickle juice	E	E	E	G
Gasoline	E	E	E	E
Mineral spirits	E	E	E	E
Motor oil	E	E	E	E
Coca-Cola	E	E	E	E

E = Excellent, G = Good, F = Fair. Testing performed under controlled laboratory conditions; after exposure, samples were rinsed with water only and allowed to dry for 12 hours before inspection. Field results may vary depending on environmental conditions.

CLEANING

Application equipment can be cleaned with water if product has not dried. Once product dries, xylene or other approved solvents should be used.

PACKAGING

55-gallon drums (208.2 L)

5-gallon pails (18.9 L)

1-gallon cans, 4 per case (3.8 L)

SHELF LIFE

Shelf life of AquaShine in the original, tightly closed containers is two years from the date of manufacture. Do not allow the accumulation of water, dirt or other contaminants. Do not allow to freeze.

Store AquaShine in its original, tightly sealed container so that the material cannot be contaminated by moisture.

LIMITATIONS

Does not provide a base for cementitious materials. Not for use in fountains or pools, or on concrete subject to hydrostatic pressure. Do not allow to freeze. After curing, treated surfaces may be slippery when wet with rain or other liquids. Variations in concrete surface density or color will be highlighted by surface mottling after product application; prepare a test panel to ensure acceptable results.

Product literature provides general information applicable in some conditions. Contact Technical Services for specific application instructions and limitations.

WARRANTY

NOTICE – READ CAREFULLY

CONDITIONS OF SALE

SpecChem offers this product for sale subject to and limited by the warranty which may only be varied by written agreement of a duly authorized corporate officer of SpecChem. No other representative of or for SpecChem is authorized to grant any warranty or to waive limitation of liability set forth below.

WARRANTY LIMITATION

SpecChem warrants this product to be free of manufacturing defects. If the product when purchased was defective and was within use period indicated on container or carton, when used, SpecChem will replace the defective product with new product without charge to the purchaser. SpecChem makes no other warranty, either expressed or implied, concerning this product. There is no warranty of merchantability. NO CLAIM OF ANY KIND SHALL BE GREATER THAN THE PURCHASE PRICE OF THE PRODUCT IN RESPECT OF WHICH DAMAGES ARE CLAIMED.

INHERENT RISK

Purchaser assumes all risk associated with the use or application of the product.

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