



Hydrasheen

Water-Based, Acrylic Cure and Seal

DESCRIPTION

Hydrasheen is a non-yellowing, water-based compound containing acrylic polymers that offers outstanding curing, sealing, dustproofing, increased abrasion and chemical resistance for freshly finished concrete surfaces. On older concrete surfaces

Hydrasheen will simultaneously seal and dustproof while extending service life and minimizing maintenance costs. **Hydrasheen** has been formulated to form a membrane film on the surface of the concrete optimizing water retention for maximum concrete hydration and compressive strength development.

Hydrasheen will appear milky white in the container and dries to a clear film.

USES

Hydrasheen is ideal for curing and sealing applications:

- Walls
- Commercial floors
- Basements
- Garages
- Hospitals
- Industrial floors
- Pavements
- Parking decks

BENEFITS

- Contributes to LEED EQ Credit 4.2
- Water-Based: Low odor
- VOC Compliant: Meets stringent requirements
- Clean-up with water
- Minimizes thermal cracking, dusting and defects
- Performance: Produces hard, dense concrete
- Strength: Increases compressive and tensile strength compared to untreated concrete

STANDARDS

Hydrasheen meets and exceeds the requirements of ASTM C309 Type 1, Class A and B and AASHTO M148 as tested in accordance with ASTM C156 and AASHTO T155.

SURFACE PREPARATION

When used as a curing compound, **Hydrasheen** should be applied to freshly placed concrete as soon as the bleed (surface) water has dissipated. For formed applications, **Hydrasheen** should be applied to concrete immediately upon the removal of formwork. For older concrete, surface must be structurally sound and free of all contaminants. A suitable concrete cleaner should be used as a degreaser and to remove rubber tire marks. Thoroughly rinse and allow surface to dry prior to application.

PHYSICAL PROPERTIES

Complies with VOC contents in accordance with Federal EPA 40 CFR Part 59 Table 1, Subpart D for Concrete Curing and Sealing.

VOC	<100 g/L
Color	Milky White
Flash Point	Non-Flammable
Dry Time	2-3 hrs at 70°F (21°C)

COVERAGE

Actual rates may vary depending on type and porosity of the surface and application method. Recommended coverage is as follows:

Curing:	200–300 ft ² /gal
Sealing:	200–400 ft ² /gal
Second Coat:	400–600 ft ² /gal

MIXING

For best results, mix thoroughly before each use. Do not over agitate or use high speed mixing equipment.

PLACING

Apply with a low pressure sprayer, brush or roller at required rate, over application may result in bubbling, whitening, peeling, flaking, and ultimately, failure of the product. Avoid application in hot weather or on hot surfaces. Spray application is recommended. A hand held pump sprayer or an airless industrial sprayer is acceptable. Apply evenly without puddling, thin applications are recommended. Do not use a sprayer that has been used with solvent based products. Application of a second coat is required to meet ASTM C309 requirements as a curing compound.

STORAGE

Protect from freezing. Store in an interior, cool, dry place above 45°F (7°C). Shelf life is one year in original, unopened container.

CLEAN-UP

Clean tools and equipment with warm, soapy water. After material has dried, it may be necessary to use solvents such as mineral spirits, toluene or xylene.

LIMITATIONS

In addition to the limitations already mentioned, please note the following. If surface is to receive subsequent coatings, paints or toppings, it is necessary to completely remove the sealer before application. Although compatible with many carpet, tile and floor covering adhesives, a test area is recommended. This product may cause colored concrete to blush. Use **US SPEC CS-25-1315** or **US SPEC Roca 1315** to cure colored concrete. Do not apply when the temperature of the concrete is below 50°F (10°C). Do not mix with any other products. Do not pour unused material back into original container.



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DANGER

May be harmful if swallowed. May be harmful if inhaled. May cause skin irritation. May cause eye damage. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Use only outdoors or in a well-ventilated place. Keep away from children. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Dispose of contents/container in accordance with local/regional/national/international regulations.

FIRST AID

If swallowed: Immediately call a poison center/doctor. Rinse mouth. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. If on skin: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell.

MANUFACTURER/TECHNICAL SERVICE

Contact your US SPEC manufacturer's representative for the most current product information. Always read and follow the warnings and instructions on the most current technical data sheets and safety data sheets (SDS), available online at www.usspec.com.

US MIX

112 South Santa Fe Drive

Denver, CO 80223

Tel: 303.778.7227 Fax: 303.722.8426

Web Site: www.usspec.com

LIMITED WARRANTY: The manufacturer warrants that this product is free from defects in material and workmanship, and will perform per the manufacturer product literature in effect at the time of purchase. This warranty is for one (1) year from the date of purchase. Any implied warranty of merchantability or fitness for a particular purpose is limited to the duration of this express warranty. This warranty applies only if the product is used, in strict accord with the manufacturer published instructions. The sole and exclusive remedy under this warranty is replacement of the defective product or refund of the purchase price, at the manufacturer's option. CONSEQUENTIAL, SPECIAL, AND INCIDENTAL DAMAGES ARE NOT RECOVERABLE UNDER THIS WARRANTY. All claims under this warranty must be submitted to the manufacturer by calling 303-778-7227. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.