



# Hydrasheen 30%

*Water-Based, High Solids Acrylic Cure & Seal (30% Solids)*

## DESCRIPTION

**Hydrasheen 30%** 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 30%** will simultaneously seal and dust-proof while extending service life and minimizing maintenance costs. **Hydrasheen 30%** 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 30%** will appear milky white in the container and dries to a clear film.

## USES

**Hydrasheen 30%** is ideal for sealing horizontal and vertical surfaces such as:

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

## BENEFITS

- Contributes to LEED EQ Credit 4.2
- Water-Based: Low odor
- Ultra-Violet Stable: Non-yellowing
- 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 30%** 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 30%** should be applied to freshly placed concrete as soon as the bleed (surface) water has dissipated. For formed applications, **Hydrasheen 30%** should be applied to concrete immediately upon the removal of formwork. For older concrete, surface must be structurally sound and free of contaminants. A suitable concrete cleaner not harmful to concrete 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	65 g/L
Color	Milky White
Viscosity	80 CPS
Flash Point	Non-Flammable
Dry Time	2-3 hrs at 70°F (21°C)
Shelf Life	1 Year

## 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 <sup>2</sup> /gal
Sealing:	200–400 ft <sup>2</sup> /gal
Second Coat:	400–600 ft <sup>2</sup> /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. Spray application is recommended. A hand held pump sprayer or an airless industrial sprayer is acceptable. Apply evenly without puddling. Do not interchange use of sprayer that has been used to spray a solvent based product. Application of a second coat after the first 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 Rocá 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.

**Packaging: 1 gal (3.8 L) jug, 5 gal (18.9 L) pail, 55 gal (207.9 L) drum**



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## **WARNING**

May cause eye damage/irritation. May cause skin irritation. May cause respiratory irritation. Wear protective gloves and eye/face protection. Wash with plenty of water and soap thoroughly after handling. Avoid inhalation of vapors. Do not eat, drink or smoke when using this product. Use only outdoors or in a well ventilated area.

## **FIRST AID**

If in eyes: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: call a poison center or doctor/physician. If swallowed: contact a poison control center/doctor if you feel unwell. Rinse mouth. If on skin: wash with plenty of soap and water. If skin irritation or rash occurs, get medical advice. Take off contaminated clothing and wash it before reuse.

## **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, available online at [www.usspec.com](http://www.usspec.com).

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**NOTICE OF LIMITED WARRANTY** US MIX Co. (manufacturer) warrants to buyer that this product at the time and place of shipment is of good quality and conforms to the manufacturer's specifications in force on the date of manufacture when used in accordance with the instructions hereon. Manufacturer cannot warrant or guarantee any particular method of use, application or performance of the product under any particular condition. This limited warranty cannot be extended or amended by manufacturer's sales people, distributors or representatives or by any sales information, specifications of anyone other than the manufacturer. Liability under this warranty is expressly limited to refund of the purchase price. See product packaging for complete limitation of warranties and liability.