



# 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 resistance and increased chemical resistance for freshly finished concrete surfaces. On older concrete surfaces **Hydrasheen 30%** will simultaneously seal and dustproof while extending service life and minimizing maintenance costs. **Hydrasheen 30%** has been formulated to form a membrane film on the surface of the concrete that optimizes water retention for maximum concrete hydration and compressive strength. **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
- Consistent: Strict Quality Control testing and standards

## STANDARDS

**Hydrasheen 30%** meets and exceeds the requirements of ASTM C-309 Type I, Class A & B and AASHTO M-148 as tested in accordance with ASTM C-156 and AASHTO T-155. Meets OSHA and American Disabilities ACT recommended coefficient of friction values as tested under ASTM D-2047 utilizing the James Machine.

## SURFACE PREPARATION

**Hydrasheen 30%** should be applied to freshly placed concrete as soon as the surface water has dissipated. For older concrete, surface must be structurally sound and free of all contaminants. **US SPEC Maxi-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 V.O.C. contents in accordance with Federal EPA 40 CFR Part 59 Table 1, Subpart D for Concrete Curing and Sealing.

V.O.C.	65* g/L
COLOR	Milky White
VISCOSITY	80 CPS
FLASH POINT	Non-Flammable
DRY-TIME	2-3 hours at 70°F (21°C)
SHELF LIFE	1 Year

## COVERAGE

Actual rates may vary depending on type and porosity of the surface and application methods. Recommended coverage per gallon is as follows.

Curing:	200-300 ft <sup>2</sup> /gal (4.9-7.2 m <sup>2</sup> /L)
Sealing:	200-400 ft <sup>2</sup> /gal (4.9-9.8 m <sup>2</sup> /L)
Second Coat:	400-600 ft <sup>2</sup> /gal (9.8-14.8 m <sup>2</sup> /L)

## 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 C-309 requirements as a curing compound.

## STORAGE

Protect from freezing. Store material 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.

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



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## 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 curing compound 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 **Rocúseal** 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.

## REGULATORY

Read and follow application information, precautions and Material Safety Data Information.

### **HMIS**

Health 1, Fire 0, Reactivity 0

### **VOC Content**

65 g/L

## CAUTION

Avoid contact with skin. Protective clothing is recommended. Contact areas should be thoroughly washed with soap and water. Avoid contact with eyes. Protective goggles are recommended in case of splashing. Flush eyes with water if contact occurs. Avoid ingestion of material. If ingestion occurs, contact a poison center or physician.

## TECHNICAL SERVICE

US MIX Co.

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