



CS-25-1315

UV Stable, Solvent-Based Acrylic Cure & Seal (25% Solids)

DESCRIPTION

CS-25-1315 is a non-yellowing, solvent 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 CS-25-1315 will simultaneously seal and dustproof while extending service life and minimizing maintenance costs. CS-25-1315 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.

USES

CS-25-1315 is ideal for curing and sealing horizontal and vertical surfaces such as:

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

BENEFITS

- Solvent-Based: Non-freezable
- Ultra-Violet Stable: Non-yellowing
- VOC Compliant: Meets VOC requirements
- Appearance: Medium gloss
- Minimizes thermal cracking, dusting and defects
- Performance: Produces hard, dense concrete
- Strength: Increases compressive and tensile strength compared to untreated concrete

STANDARDS

CS-25-1315 meets and exceeds the requirements of ASTM C309 Type 1, Class A and B; AASHTO M148 as tested in accordance with ASTM C156 and AASHTO T155; ASTM C1315 Type 1, Class A; NOVDOK 13 YF; TT-C-800A; Asphalt and Vinyl Tile Institute; Code of Federal Regulations Title 40, Part 59.

SURFACE PREPARATION

When used as a curing compound, CS-25-1315 should be applied to freshly placed concrete as soon as the bleed (surface) water has dissipated. For formed applications, CS-25-1315 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 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	650 g/L
Color	Clear
Solids Content	25%
Viscosity	Ford Cup #4: 20 Seconds
Flash Point	> 80°F (27°C)
Dry Time	1 hr at 70°F (21°C)
Freeze/Thaw Stable	Non-Freezable
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:	300–400 ft ² /gal
Sealing:	300–400 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. Spray application is recommended. A hand held pump sprayer or an airless industrial sprayer is acceptable. Apply evenly without puddling.

STORAGE

Material will not freeze in storage, but should be allowed to rise to 50°F (10°C) or more before use. Shelf life is one year in original, unopened container.

CLEAN-UP

Clean tools and equipment with 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. If sealers are applied too soon to colored concrete, they may turn milky under some circumstances. Sealers are most reliable when applied to colored concrete that has been cured a minimum of 7 days. Do not apply when the temperature of the concrete is below 40°F (4°C). Do not mix with any other products. Do not pour unused material back into original container.

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



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DANGER

Flammable liquid and vapor. May be fatal if swallowed and enters airways. May cause respiratory irritation. May cause drowsiness or dizziness. Suspected of causing cancer. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Keep container tightly closed. Use only in well ventilated areas. Avoid breathing vapors and direct contact. Store in well ventilated location. Wear appropriate personal protection equipment. Control vapors in confined spaces. Use only outdoors or in well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

FIRST AID

If on skin (or hair): take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: remove person to fresh air and keep comfortable for breathing. If exposed or concerned: get medical advice/attention. Call a poison center or doctor/physician if you feel unwell. Do not induce vomiting. If skin irritation occurs: get medical advice/attention.

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.

US MIX Co.
112 South Santa Fe Drive
Denver, CO 80223
Tel: 303.778.7227 Fax: 303.722.8426
Web Site: www.usspec.com

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.