

MasterKure[®] CC 1315

High-solids, water-based, modified acrylic curing, sealing and dustproofing compound

FORMERLY KURE 1315

Description

MasterKure CC 1315WB product is a transparent water-based blend of acrylic polymers used to cure, seal and dustproof freshly placed and finished concrete floors. It complies with ASTM C 1315, Type I, Class B.

Applications

- Interior and exterior
- Horizontal and vertical
- Odor-sensitive locations

Yield

Curing only:

200–400 ft²/gallon (4.9–9.8 m²/L)

Second coat (dustproofing and sealing):

400–600 ft²/gallon (9.8–14.7 m²/L)

Recoating (dustproofing and sealing):

200–300 ft²/gallon (4.9–7.4 m²/L)

Coverage varies with application method, texture and porosity of surface.

Product Highlights

- Ensures high curing efficiency allowing concrete to attain its full strength potential
- Reduces surface absorption and dusting of concrete for easier cleaning and maintenance
- Retains moisture in concrete to minimize shrinkage cracking
- Solvent-free for reduced odor
- Water based for reduced VOC content
- VOC compliant for EPA and most regional jurisdictions
- Compatible with most carpet and tile adhesives
- Semi-gloss appearance so surfaces look newer and brighter

Substrates

- Concrete
- Decorative Concrete

How To Apply

Surface Preparation

1. Freshly placed concrete must be properly finished. The surface is application ready when it is damp but not wet and when it cannot be marred by foot traffic.
2. Existing concrete surfaces should be thoroughly repaired and cleaned before application. Surface must be clean, dry and free of dust, oil, grease, sealers and all other surface contaminants that might inhibit proper bond of material.

Technical Data**Composition**

MasterKure CC 1315WB is an acrylic polymer in a co-solvent emulsion.

Compliances

- MasterKure CC 1315WB is recommended for use on Class I, 2, 3 and 4 concrete floors as classified in Table 2.1 ACI 302.1R
- ASTM C 309, Type I, Class A or B
- ASTM C 1315, Type I, Class B
- Corps of Engineers CRD-C304, Type I, Class A or B
- AASHTO M-148

Test Data

PROPERTY	RESULTS	TEST METHOD
Moisture retention , kg/m ² applied at 300 ft ² /gal MasterKure CC 1315WB Test requirement	0.36 < 0.4	ASTM C 156
Drying time , hrs	< 4	ASTM C 1315
Solids , %	26	ASTM C 1644
Flashpoint , °F (°C)	> 200 (> 93)	ASTM D 56
Acid and alkali resistance at 1 and 16 hours	No effect observed	ASTM D 1308
UV light resistance	Membrane lighter than Gardner color 3	ASTM G 53
Adhesion of tile cement , psi	> 165	ASTM C 1315

Test results are averages obtained under laboratory conditions. Reasonable variations can be expected.

Application

1. Thoroughly mix material in original container before applying.
2. Apply a continuous, uniform film by solvent-resistant low-pressure spray only, short-nap roller or lamb's wool applicator.
3. For curing, one coat may be sufficient. However, two coats may be required in hot and windy conditions. Apply evenly and uniformly as soon as possible after final finishing.
4. To seal and dustproof, two coats are required. Apply the second coat when all trades have completed their work and site is ready for occupancy.
5. Do not over-apply or soak concrete surfaces with the curing compound. Do not allow the curing compound to pool on the surface. Over-application can result in alligatoring and mud cracking, whereby a film forms on the substrate before the material dries properly. Over-application may also cause opacity, as elements of the curing compound become trapped in the subsurface and cannot escape.

Drying Time

Times are based upon temperatures of 65 to 85 °F (18 to 29 °C) and 50% relative humidity. Light foot traffic or between coats: 4 hours
Normal traffic: overnight
Maximum hardness: 7 days
Material will take longer to dry at either higher humidity or lower temperatures.

Clean Up

Clean tools immediately after use with soap and warm water.

For Best Performance

- MasterKure CC 1315WB may settle and must be stirred thoroughly before and during application.
- For curing only, one coat may be sufficient; 2 coats will give best results. To seal and dustproof, 2 coats are required.
- Not recommended for use in colored dry-shake applications
- Keep from freezing.
- Do not apply when concrete surface or ambient temperature is below 40 °F (4 °C).
- Do not apply when surface temperature is above 120 °F (49 °C).
- Not recommended as a release agent.
- Do not apply to surfaces of joints to be caulked with sealants. Mask joints to avoid sealant-adhesion problems.
- May highlight features and imperfections of the concrete surface.
- MasterKure CC 1315WB must be fully dry before exposure to water or it may whiten.
- Although MasterKure CC 1315WB is compatible with a variety of carpet, vinyl-tile and floor-covering adhesives, always conduct a test application before applying.
- Not intended for surfaces to receive concrete overlays or additional toppings, coatings, sealers or ceramic tile (without proper surface preparation).
- MasterKure CC 1315WB is considered a light-duty floor sealer; it may rubber burn when subjected to forklift or other wheeled traffic.
- If MasterKure CC 1315WB will be applied in or near areas containing foodstuffs, they must be removed before application.
- Extended exposure to moisture may result in a temporary opaque condition that clears upon drying.

- Only mechanical methods of removal are recommended.
- The small amount of solvent vapors released by MasterKure CC 1315WB may be objectionable to people unaccustomed to the odor; do not apply MasterKure CC 1315WB in or around buildings occupied by non-construction personnel without consulting building management.
- For professional use only; not for sale to or use by the general public.
- Make certain the most current versions of product data sheet and SDS are being used; visit www.master-builders-solutions.com/en-us to verify the most current versions.
- Proper application is the responsibility of the user. Field visits by Master Builders Solutions personnel are for the purpose of making technical recommendations only and not for supervising or providing quality control on the jobsite.

Storage and Handling

Storage: Store in unopened containers in a clean, dry area between 40 and 85 °F (4 and 29 °C). Keep from freezing.

Shelf Life: 15 months when properly stored

Voc Content: 139 g/L less water and exempt solvents

Packaging

- 5 gallon (19.05 L) pails
- 55 gallon (210.9 L) drums

Health, Safety and Environmental

Read, understand and follow all Safety Data Sheets and product label information for this product prior to use. The SDS can be obtained by visiting www.master-builders-solutions.com/en-us, e-mailing your request to mbsbscst@masterbuilders.com or calling 1(800)433-9517. Use only as directed.

IN CASE OF EMERGENCY: Call CHEMTEL +1 (800) 255-3924 or if outside the US or Canada, +1 (813) 248-0585.

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