

## PRODUCT DATA

**3** 03 39 00 **Concrete  
Curing**

# KURE 1315

**Transparent, water-based acrylic  
curing, sealing and dustproofing compound****Description**

Kure 1315 is a transparent water-based blend of acrylic polymers used to cure, seal and dustproof freshly placed and finished concrete floors. It contains no oils, saponifiable resins, waxes or chlorinated rubbers. It complies with ASTM C 1315, Type I, Class A.

**Yield**Ft<sup>2</sup>/gallon per coat (m<sup>2</sup>/L)

Curing only:

200 – 400 (4.9 – 9.8)

Dustproofing and sealing:

1st coat: 200 – 400 (4.9 – 9.8)

2nd coat: 400 – 600 (9.8 – 14.6)

Renovating, dustproofing and sealing:

200 – 300 (4.9 – 7.3)

Under mastic floor adhesives:

400 – 600 (9.8 – 14.6)

**Packaging**

Kure 1315:

5 gallon (18.93 L) pails

55 gallon (208 L) drums

Fugitive red dye:

1 pint (.47 L) containers; use 1 pt/55

gallon drum (0.47 L/208 L drum) and

1.5 oz/5 gallon pail

(44 ml/18.93 L pail).

Coverage rates listed are

approximations. Coverage varies with

texture and porosity of surface; actual

surface profile will determine exact

coverage rate.

**Features**

- Curing compound
- Sealer
- Dustproofing
- Semi-gloss appearance
- Abrasion resistant
- Compatible with a variety of adhesives
- Compatible with all Sonneborn® concrete

**Benefits**

- Efficiently retains moisture for freshly placed concrete; ensures proper strength development; minimizes shrinkage cracking
- Makes surfaces easier to clean and maintain
- Provides extended wear
- Surfaces look newer and brighter
- Withstands foot traffic
- Can be tiled or carpeted over
- Single-source supplier on repair projects repair mortars

**Color**

Milky white, dries clear.

White and gray color packs may be added. Add 1 qt/5 gallon pail (.95 L/18.93 L pail).

**Shelf Life**

1 year when properly stored.

**Storage**

Store in unopened containers in a cool, dry area.

Keep Kure 1315 from freezing in the container; do not store below 35° F (2° C).

**Where to Use**

## LOCATION

- Interior and exterior
- Horizontal and vertical

## SUBSTRATE

- Freshly placed and finished concrete
- Aged concrete floors
- Terrazzo
- Brick

**How to Apply****Surface Preparation**

## NEWLY PLACED CONCRETE

1. Surface must be sound and properly finished.
2. Surface is application-ready when damp, but not wet, and it can no longer be marred by foot traffic.

## Technical Data

### Composition

Kure 1315 is an acrylic polymer in a co-solvent emulsion.

### Compliances

- Kure 1315 is recommended for use on Class 1, 2, 3 and 4 concrete floors as classified in Table 1.1, ACI Standard 302
- ASTM C 309, Type I, Class A or B (Type ID with Fugitive Dye); meets Type 2 with white color packs
- ASTM C 1315, Type I, Class B Corps of Engineers CRD-C304, Type I (or ID), Class A or B
- AASHTO M-148

### Test Data

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

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

#### NEWLY CURED BARE CONCRETE

1. Level any gouged-out spots.
2. Remove all dirt, dust, oil, grease, asphalt and foreign matter. Cleanse with caustics and detergents as required. Citrus Degreaser is excellent for removing oil stains and many curing compounds (see Form No. 1017985). Rinse thoroughly and allow to dry.
3. Kure 1315 may be applied to damp but not wet surfaces.

#### AGED CONCRETE

1. Restore surface to soundness by patching, grouting, filling cracks and holes.
2. Surface must also be free of any dust, dirt and other foreign matter. Use power tools or strippers to remove any incompatible sealers or coatings.
3. Clean as required, following procedure under "Newly cured bare concrete."

### Application

1. Stir Kure 1315 thoroughly before using.
2. Apply a continuous, uniform film by low-pressure spray only, shortnap roller, or lamb's wool applicator. For best results, use a Hudson® Industro® or equivalent canister curing compound sprayer. Use tip number 8004 or equivalent for water-based or waterborne products.
3. For curing, apply first coat evenly and uniformly as soon as possible after final finishing. Apply second coat when all construction is completed and structure is ready for occupancy.

4. To seal and dustproof, 2 coats must be applied. For sealing new and aged concrete, both coats are applied full strength.

5. Kure 1315 applied from 40 to 50° F (4 to 10° C) may retain a white appearance for extended periods, depending on temperature variations. This condition is temporary. Warmer temperatures will allow the material to dry and clear.

### Clean Up

Clean tools and equipment with warm water immediately after use and while Kure 1315 is still wet.

### Drying Time

The following times assume a temperature of 65 to 85° F (18 to 29° C) and 50% relative humidity. High humidity will increase drying times.

Light foot traffic or between coats: 3 hours

Normal traffic: overnight

Maximum hardness: 7 days

### Maintenance

1. For maximum life of coating, routinely sweep and wash with conventional cleaners and detergents.
2. Remove all abrasive grit and wipe up corrosive spills as soon as possible.
3. Inspect membrane periodically for wear or breaks and gouges in the surface.
4. If required, areas can be renovated by reapplying Kure 1315 to regain original gloss and protection.

### For Best Performance

- Keep from freezing.
- Kure 1315 may settle and must be stirred thoroughly before and during application.
- DO NOT apply when concrete surfaces or ambient temperatures are below 40° F (4° C). For these conditions refer to Kure-N-Seal™ 25 (see Form No. 1017939) or Kure-N-Seal™ 30 (see Form No. 1017975).
- Application not recommended when surface temperature exceeds 120° F (49° C).
- Apply at recommended coverage rates for best results (see Coverage section).
- If Kure 1315 is to be applied in or near areas containing foodstuffs, they should be removed before application.
- The small amount of vapors released by Kure 1315 may be objectionable to people unaccustomed to the odor; do not apply Kure 1315 in or around buildings occupied by nonconstruction personnel without consulting building management.
- Do not apply Kure 1315 to the interfacing of channels to be caulked with elastomeric sealants; avoid sealant adhesion problems by masking.

- Do not use on surfaces to receive concrete overlays or additional toppings or coatings.
- Not recommended as a release agent or where other sealers or treatments are to be later applied.
- Kure 1315 should not be used in areas requiring resistance to solvents such as gasoline, diesel fuel or paint thinners.
- Do not subject to rain or water until Kure 1315 dries hard.
- Although Kure 1315 is compatible with a variety of tile, carpet and floor covering adhesives, a test application is always recommended.
- Kure 1315 will highlight imperfections and may darken the final appearance of the concrete surface.
- Kure 1315 can be applied to colored concrete or dry-shake hardeners, but mottling may occur.
- Kure 1315 is considered a light-duty floor sealer; it may rubber burn when subjected to forklift or other wheeled traffic.
- 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 MSDS are being used; call Customer Service (1-800-433-9517) to verify the most current versions.
- Proper application is the responsibility of the user. Field visits by BASF personnel are for the purpose of making technical recommendations only and not for supervising or providing quality control on the jobsite.

## Health and Safety

KURE 1315

### Caution

Kure 1315 contains propylene glycol phenyl ether.

### Risks

May cause skin, eye or respiratory irritation. Ingestion may cause irritation. INTENTIONAL MISUSE BY DELIBERATELY INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

### Precautions

KEEP OUT OF THE REACH OF CHILDREN. Avoid contact with skin, eyes and clothing. Avoid breathing vapors. Use only with adequate ventilation. DO NOT take internally. Wash thoroughly after handling. Use impervious gloves, eye protection and if the TLV is exceeded or used in a poorly ventilated area, use NIOSH/MSHA approved respiratory protection in accordance with applicable federal, state, and local regulations. Keep container closed when not in use. All label warnings must be observed until container is commercially cleaned or reconditioned.

### First Aid

In case of eye contact, flush thoroughly with water at least 15 minutes. In case of skin contact, wash affected areas with soap and water. If irritation persists, SEEK IMMEDIATE MEDICAL ATTENTION. If inhalation causes physical discomfort, remove to fresh air. If discomfort persists or any breathing difficulty occurs or if swallowed, SEEK IMMEDIATE MEDICAL ATTENTION.

Refer to Material Safety Data Sheet (MSDS) for further information.

### Proposition 65

This product contains material listed by the state of California as known to cause cancer, birth defects or other reproductive harm.

### VOC Content

1.16 lbs/gal or 139 g/L, less water and exempt solvents.

**For medical emergencies only,  
call ChemTrec (1-800-424-9300).**

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