

1315 Sealer Technical Data Sheet

PRODUCT DESCRIPTION

1315 Sealer is a penetrator/sealer used for curing and sealing exposed aggregate concrete surfaces, precast concrete, mortar, stone, dry wall, rock face, marblecrete, tilt up, stucco, etc. 1315 Sealer is applied as a protective seal coat and provides protection against abrasion and chemical attack. 1315 Sealer will protect concrete surfaces against discoloration due to staining from efflorescence, dust, air pollutants and spillage of common chemicals. 1315 Sealer may be used as a cure and seal on concrete surfaces that will be subject to abrasion and spillage of common chemicals.

LIMITATIONS

1315 Sealer should not be used on surfaces that will receive cementitious or epoxy coatings.

FEATURES

- Strict Manufacturing Quality Assurance
- Ease of Use
- Forms Uniform Film on Concrete Surface
- V.O.C. Compliant

STANDARDS

- ASTM C-1315
- ASTM C-309
- AASHTO M-148

COMPOSITION AND MATERIALS

1315 Sealer contains a specially selected acrylic resin that resists yellowing.

COLORS

1315 Sealer is a clear solution that will not yellow.

TECHNICAL DATA

1315 Sealer is a clear solution that when applied, will provide a glossy protective shield. 1315 Sealer will not yellow upon exposure to the sun. The protective shield will resist attack from aggressive chemicals and Fungi thus providing protection to the concrete surfaces. 1315 Sealer has been tested as a membrane curing compound and the following results were obtained.

ASTM Standard	Typical Properties	Data
C 156	Water Retention	0.042 g/cm ²
C 309: C 1315	Dry to Touch (min)	40 min.
C 309: C 1315	Sprayable at 40° F	Sprayable
C 309: C 1315	Percent Moisture Retained	96.3%
	Chemical Resistance	Excellent

EQUIPMENT:

1315 Sealer is designed for ease of use and sprayability. Application can be achieved using either hand or power operated pressure spray equipment with fan-type nozzle attachments. 1315 Sealer may also be applied by brush or roller.

PREPARATORY WORK: (NEW CONCRETE)

1315 Sealer should be applied to green concrete as soon as the water sheen has disappeared from the surface and the concrete can be walked upon. For vertical surfaces, 1315 Sealer should be applied as soon as the forms have been stripped and the surface has been rubbed.

(Old Concrete) 1315 Sealer should be applied only after all stains have been removed and the surface has been washed with a 7:1 solution of muriatic acid. It should then be washed with water and thoroughly dried before applying 1315 Sealer.

COVERAGE

One gallon of 1315 Sealer will cover from 200 sq. ft. to 600 sq. ft. (19-56 sq. m), depending upon the surface texture and specification requirements.

HORIZONTAL SURFACES: IT IS SUGGESTED THAT 1315 Sealer be applied in two applications.

VERTICAL SURFACES: TO AVOID RUNNING AND sagging of the material, it is suggested that 1315 Sealer be applied in three applications.

AVAILABILITY

1315 Sealer is available 1 gallon containers, 5 gallon pails and 55 gallon drums.

MAINTENANCE

1315 Sealer permits easy maintenance of surfaces treated while providing a surface coating that can not be stripped away with standard industrial and commercial cleaning compounds. The frequency of subsequent applications is to be determined by the user. Normal life expectancy, when used for sealing and dust proofing a surface, may be two years to life of the slab.

STORAGE AND HANDLING

1315 Sealer should be stored indoors and, when left in its original unopened package will maintain its designed performance characteristics for 12 months.

CAUTION... Avoid hazards by following all precautions found in the Material Safety Data Sheet (MSDS), product labels and Technical Data Sheet. Please read all information prior to using the product.

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