

Super Seal

Description

A heavy duty interior and exterior curing and sealing compound for use on a wide range of concrete, and exposed aggregate surfaces. V.O.C. compliant.

Manufacturer

Conspec
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Technical Service (877) CONSPEC

Use

Super Seal is a non-yellowing, high quality transparent cure and seal formulated to cure and seal freshly placed concrete, natural stone, slate, brick, concrete, terrazzo, quarry tile and exposed aggregate.

Super Seal should be used as the final finish on floors, walks, driveways, ramps, decks and malls where a non-yellowing durable sealer is desirable. Installations include shopping malls, commercial and industrial plants, airports, warehouses, offices and apartment complexes.

Benefits

- V.O.C. Compliant- federal standards
- Use on new or aged surfaces
- Seals, binds together and dustproofs heavy traffic surfaces
- Fills pores, crevices and provides a glossy, long lasting film over a wide range of surfaces
- Provides excellent resistance to abrasion and a wide range of chemicals and oils
- Flexible and will withstand temperature extremes

Applicable Standards

Super Seal is designed for use on Class 1, 2, 3 and 4 concrete floors as classified in Table 1.1 ACI Standard 302-69. Complies with ASTM C-309 Type 1 Class A&B and ASTM 1315, Type I, Class B.

Architectural Specifications

Transparent Concrete Cure & Sealer:
Material shall be a one-part, color stable, membrane forming liquid floor finish. Approved product: Conspec Super Seal or approved equivalent.

Application

Apply with a sprayer, brush, or short nap roller. Super Seal is a high solids product and a brush or short nap roller will work best for smaller areas. For large areas, a power sprayer is recommended. Apply as to form a continuous membrane around aggregate surfaces, brick texture, etc. Surfaces to which Super Seal is to be applied must be in sound condition and free of all foreign material including dirt, paint, oil, grease and curing material. Surfaces need not be acid etched but they must be clean. Surfaces need not be completely dry but should be no more than damp. Only one coat of Super Seal is necessary to seal, protect and beautify, but for an in-

creased gloss a second coat may be applied. Allow the first coat to dry (4-6 hours) before the second coat is applied. Protect surface from dust contamination and traffic during drying time. In general, two thin coats (ie. 250-350 ft²/gal. (6.2-8.6 m²/L) will provide a harder more durable finish to dense, hard trowelled surfaces than a single heavy application.

Coverage will depend upon the texture and porosity of the surface to be treated. On absorptive surfaces such as exposed aggregate apply at the rate of 200 sq. ft. per gallon (4.9 m²/L).

Curing Time at 72°F (22.2°C):

- Tack-free in one hour
- Dry in four hours (Recoat in 4-6 hours)
- Traffic ready in twenty-four hours
- Achieves full cure in seven days

Curing time will be influenced by both temperature and humidity. The above information is based on 75°F (23.9°C) temperature.

Recoating: Super Seal may be easily recoated. Areas to be recoated should be swept clean. Grease, oil and other foreign material should be removed. Apply Super Seal as in the original application.

Packaging

55 gallon (208.2L) drums
5 gallon (18.9L) pails
1 gallon (3.8 L) cans (6 to a case)

Limitations/Precautions

Care should be taken not to apply Super Seal to the interfacing of channels to be caulked with elastomeric sealants. This can be avoided by masking. Tools should be cleaned immediately after use with Conspec Solvent 101.

When applying with a roller, care should be taken not to entrap air bubbles in the sealer membrane.

Caution...Combustible. Contains petroleum distillates and aromatic hydrocarbons. Keep out of reach of children. Do not take internally. Do not breathe vapors. Avoid prolonged contact with skin. If swallowed, do not induce vomiting - call physician. If splashed in eyes, wash repeatedly with clean water and call physician. Keep away from heat, sparks and open flame.

Recommended Safety Equipment:

Rubber gloves, goggles and, if applied in areas of poor or inadequate ventilation, use mine safety appliances, mask and canister:

Organic Vapor Mask
(No. 457081)

Organic Vapor Canister
(No. 77705GAM)

Threshold Limit Value: 100 PPM.

Ventilation system should be capable of exchanging total air volume in application area in 30 minutes or less.

Avoid hazards by following all precautions found in the Material Safety Data Sheet (MSDS), product labels and technical literature. Please read this

information prior to using the product.

V.O.C. Content

Less than 700 g/l. Complies with Federal V.O.C. standards for Curing and Sealing Compounds. Do not thin or dilute.

Warranty

Conspec warrants, for 12 months from the date of manufacture or for the duration of the published product shelf life, whichever is less, that at the time of shipment by Conspec, the product is free of manufacturing defects and conforms to Conspec's published specifications in force on the date of acceptance by Conspec of the order. Conspec shall only be liable under this warranty if the material has been applied, used, and stored in accordance with Conspec's instructions in this technical data sheet. The purchaser must examine the product when received and promptly notify Conspec in writing of any non-conformity before the product is used, or no later than 30 days after such non-conformity is first discovered. If Conspec, in its sole discretion, determines that the product breached the above warranty, it will, in its sole discretion, replace the non-conforming product, refund the purchase price or issue a credit in the amount of the purchase price. This is the sole and exclusive remedy for breach of this warranty. Only a Conspec officer is authorized to modify this warranty. The sales information on the Conspec website and received by the customer during the sales process does not supersede this warranty and the specifications of the product in force on the date of sale. THE FOREGOING WARRANTY SHALL BE EXCLUSIVE AND IN LIEU OF ANY OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND ALL OTHER WARRANTIES OTHERWISE ARISING BY OPERATION OF LAW, COURSE OF DEALING, CUSTOM, TRADE OR OTHERWISE.

Limitation of Liability

Conspec shall not be liable in contract or in tort (including, without limitation, negligence, strict liability or otherwise) for loss of sales, revenues or profits; cost of capital or funds; business interruption or cost of downtime, loss of use, damage to or loss of use of other property (real or personal); failure to realize expected savings; frustration of economic or business expectations; claims by third parties (other than for bodily injury), or economic losses of any kind; or for any special, incidental, indirect, consequential, punitive or exemplary damages arising in any way out of the performance of, or failure to perform, this Agreement, even if Conspec could foresee or has been advised of the possibility of such damages. The Parties expressly agree that these limitations on damages are allocations of risk constituting, in part, the consideration for this agreement, and also that such limitations shall survive the determination of any court of competent jurisdiction that any remedy provided in these terms or available at law fails of its essential purpose.

Storage

Super Seal should be stored in tightly sealed original factory containers. Store in a horizontal position to prevent moisture accumulation on the drum head.

Technical Services

Complete technical and specification services are available from the manufacturer and their authorized representatives and distributors.

Filing System

Additional literature and the Material Safety Data Sheet can be obtained from Conspec upon request.