

Super Seal Gray

Description

Super Seal Gray is a ready to use, single package, standard gray pigmented sealing system. Super Seal Gray is specifically designed to cure and seal and add color to hide variation in concrete due to poor placement or finishing. Super Seal Gray is formulated for interior and exterior concrete and masonry floors.

Manufacturer

Conspec

636 S. 66th Terrace

Kansas City, Kansas 66111

Customer Service (800) 348-7351

Technical Service (877) CONSPEC

Use

Super Seal Gray is a concrete cure and sealer formulated to provide a protective film and a consistent, attractive gray final finish to interior/exterior surfaces.

Benefits

- Resistant to abrasion and common staining materials
- Prevents the adhesion of cementitious droppings and the penetration of most oils and greases
- Adds color to hide variation in concrete due to poor placement or finishing
- Maintenance and clean-up costs are greatly reduced for the contractor and janitorial costs are reduced for the occupant
- Resistant to foot traffic and pneumatic and covered wheel traffic in warehouses, commercial, institutional and industrial buildings
- It may be recoated at anytime without stripping the prior application
- Can be used on new or aged surfaces
- Its use will seal, bind together and dust proof heavy traffic surfaces

- Fills pores, crevices and provides a glossy, long lasting film over a wide range of surfaces
- Is flexible and will withstand temperature extremes

Architectural Specifications

Pigmented Concrete Sealer: A ready to use gray pigmented sealing system is to be used on all concrete floors to provide a consistent, even appearance. Approved product: Conspec Super Seal Gray or approved equivalent.

Application

Mock-Up: Always install a mock up, using the same surface preparation methods and application technique to be used for the over all project to verify adhesion and appearance of installed product. After installing the mock up, allow at least 1 day curing, then test adhesion in accordance with ASTM D-3359, method A.

Surface Preparation: Surfaces to which Super Seal Gray 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.

Methods: Agitate well before using.

Apply with a sprayer, brush, or short nap roller. Super Seal Gray is a high solids product, and a brush, short nap roller, or lamb wool applicator will work best for smaller areas. For large areas a sprayer is recommended. When using a roller for application be careful **not** to "whip" air bubbles into the coating. A lambs wool application will avoid any air entrapment.

Coverage: Coverage will depend upon the texture and porosity of the surface to be treated. In general, Super Seal Gray should be applied 2-3 coats at 90° at 250-350 ft²/gal (6.2-8.6 m²/L) to achieve a consistent appearance. On absorptive surfaces, apply at the rate of 200 (4.9m²/L) sq. ft. per gallon. Additional coats can be applied after the first application has dried (approx. 4 - 6 hours) to achieve the desired degree of opacity.

Curing Time at 72°F (22.2°C):

- Tackfree in 1 to 2 hours
- Dry in four hours (recoat in 4-6 hours)
- Traffic ready in 24 hours
- Achieves full cure in 7 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 Gray may be easily recoated. Areas to be recoated should be swept clean. Grease, oil and other foreign material should be removed. Apply Super Seal Gray as in the original application.

Tilt-Up Construction: Super Seal Gray is not recommended as a curing and sealing compound for tilt-up construction. Consult Conspec for tilt-up construction requirements.

Packaging

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

Limitations/Precautions

Care should be taken not to apply Super Seal Gray to the interfacing of channels to be caulked with elastomeric sealants. This can be avoided by masking. Surfaces may be damp, but not wet. Care should be taken to remove dust, dirt and foreign material before applying. Do not apply in areas where there will be internal water migration to the back of the film. Tools should be cleaned immediately after use with Conspec Solvent 101.

Superseal Gray will not withstand exposure to solvents (i.e. gasoline, diesel fuel) or other aggressive chemicals.

Does not provide a base for cementitious materials. Rubber wheeled vehicles may leave black marks before Super Seal Gray has fully cured. It should not be used when other sealers are to be used without consulting Conspec.

Super Seal Gray has been tested for resistance to the effects of ultraviolet light. Super Seal Gray has excellent gloss retention but under certain circumstances slight ambering can occur when used as an exterior sealer. Super Seal Gray imparts a degree of opacity which obscures variations in the color of the concrete due to poor placement and/or finishing, however a mock up should always be installed to verify acceptance of final appearance.

Danger...Combustible. Overexposure to vapors could affect central nervous system and cause respiratory and skin irritation. Do not weld or apply open flame or heat to empty containers.

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 if irritation persists, contact a physician.

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 Gray 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.