

Spectrum

Description

Spectrum is a single component transparent liquid designed as a cure and sealer developed specifically for exterior surfaces, including exposed aggregate and other concrete surfaces. Spectrum's reacted aliphatic polymer system brings out the radiance and luster of all natural aggregate and preserves a long lasting, durable finish. This advanced system of synthetic polymers is formulated as a single "all purpose" treatment to meet the growing demand for durable and economical exposed aggregate slabs, patios, walkways, swimming pool decks and walls. V.O.C. compliant.

Manufacturer

Conspec

4226 Kansas Avenue

Kansas City, Kansas 66106

Customer Service (800) 348-7351

Technical Service (877) CONSPEC

Use

Spectrum treated surfaces take on and retain a "wet" look which emphasizes natural aggregate colors. This superior sealer/dustproofer is recommended for use on interior and exterior surfaces. Spectrum's mild chemical resistance extends the maintenance free finish for both horizontal and vertical surfaces. A hard, glossy film will result when used on new or existing surfaces.

Spectrum has excellent abrasion resistance in areas of high traffic. The unique high order of toughness and resistance to weathering, corrosion and mild chemical attack contribute to the overall appeal of Spectrum coated surfaces.

Benefits

- V.O.C. Compliant - Federal Standards
- Cures and Seals
- Compatible with most aggregate/ stone and concrete

- Produces a glossy appearance on new or old surfaces; excellent color stability
- Ultraviolet stable; non-yellowing under extreme exposure
- Mild chemical resistance; impregnates into the top surface making Spectrum treated surfaces highly resistant to staining materials.
- Low maintenance with strength and durability; simply clean with mild detergents or Conspec Conclean 5000 (Dilution Ratio 50 to 1 with water)
- Excellent abrasion and impact resistance
- Life expectancy well beyond ordinary sealers
- Acts as a binder to minimize aggregate "pop-out"
- USDA Accepted
- Meets ASTM 1315, Type I, ASTM C-309, Type 1, Class A&B

Architectural Specifications

Exposed Aggregate Liquid Sealer: Material shall be an ultraviolet stable, membrane forming, one part cure and sealing. Material will create a hard glossy film to beautify and protect the exposed aggregate surface. Approved product: Conspec Spectrum or approved equivalent.

Application

Surface Preparation: All surfaces must be sound structurally and completely free of all foreign materials. All retarders used on exposed aggregate installations must be removed. After a rain, a minimum of two days must be allowed for the surface to dry.

Application: Apply Spectrum by brush, sprayer, or roller at approximately 250 sq. ft. per gallon. Avoid runs, bubbles and puddling. Apply as to form a continuous membrane around stone/ aggregate. Apply in a uniform manner, fully wetting the surface. Do not allow any run-downs. If run-downs occur, pick off with a brush or roller. If applied with a sprayer, spray a uniform coat and then with an overlapping vertical coat. Two applications are recommended when an extra high gloss is desired or on an especially porous surface. Allow the first application approximately 24 hours curing time before second application. Dry time will be influenced by both temperature and humidity.

In general, multiple thin coats (i.e. 250-350 ft²/gal)(6.2-8.6 m²/L) will provide a harder more durable finish than a single heavy application.

Packaging

55 gallon drums (208.2 liters)

5 gallon pails (18.9 liters)

1 gallon jugs (6 to a case)(3.8 liters)

Limitations/Precautions

Do not apply in areas where there will be internal water migration to the back of the film. Spectrum must be applied when the temperature is above 40°F. Before applying on pigmented aggregate or concrete, do a small test patch in an inconspicuous area. Overspray on glass or plastic should be wiped clean immediately. In case of accidental contact, remove with a cleaner like Conspec Solvent 101. Spectrum could harm plants and vegetation.

Care should be taken not to apply Spectrum to the interfacing of channels to be caulked with elastomeric sealants. This can be avoided by masking.

Note: The use of household or other detergent cleaners should be avoided. Detergents are especially difficult to remove from the pores of concrete and will leave a residue that will have a deleterious effect upon most sealers. To clean surfaces to be coated use Conclean 5000.

Caution...Combustible. Contains petroleum distillates. 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 clear water and call physician. Wear rubber shoes, goggles and protective clothing. 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. 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

Spectrum 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.