

FLEXSEAL SUPREME (FOR CONCRETE FLOOR)

PRODUCT SPECIFICATION SHEET

COMPOSITION

Flex Stone Flexseal Supreme is a UV resistant, high gloss, 30% solids, Xylene solvent based, acrylic copolymer, curing and sealing compound, as well as a dust-proofer for concrete surfaces. Flexseal Supreme offers improved resistance to rain, the sun, freezing temperatures, stains, and other pollutants that sometimes can be hazardous to concrete. Flexseal Supreme forms a superior moisture retentive film on freshly placed concrete.

USES

Flex Stone Flexseal Supreme is recommended for both interior and exterior freshly placed, finished, and aged concrete where a high gloss solvent based curing and sealing compound is specified. Flexseal Supreme can be used on concrete surfaces such as driveways, patios, walkways, porches, and interior concrete floors. Flexseal Supreme can be used as a means of dust proofing most concrete surfaces.

BENEFITS

- Keeps concrete surfaces looking new and clean
- High solids content and superior UV protection creates a highly desired finish
- Formulated as a very high solids-high gloss sealer, it rolls out smooth with no roller streaks
- Easy to use, high gloss, and low cost makes this a contractor's favourite
- May be applied with airless sprayer or roller
- Cure and seal that may be applied to damp yet not wet concrete
- Strengthens surface area
- Low maintenance cost ·Excellent dust proofer ·Deep penetrating ·Non-yellowing

CAUTIONS

Flexseal Supreme will not freeze during storage; however allow temperature to rise to 50 degrees prior to application. All HVAC ventilation ducts should be somehow blocked prior to application so solvents fumes are not distributed. Keep away from open flames. Flexseal Supreme is flammable and is very susceptible

to ignition. It is not recommended to apply Flexseal Supreme over carpet, tile, or other types of floor adhesives. Coverage rates depend upon many conditions including application method, surface porosity, applicator, etc. Flexseal Supreme was designed as a cure and seal and to be applied in one-two medium coats, not one thick coat. Please be aware that this product when cured may be slippery when wet. Flexseal Supreme is not resistant to brake fluid, gasoline, and many similar products. It is not recommended to thin Flexseal Supreme.

Improper thinning may cause sealer to delaminate in a short time frame. Flexseal Supreme may darken the surface of many new and existing concrete slabs. Test prior to use.

Do not apply if rain is expected within 12 hours or if temperatures fall below 50 degrees within 24 hours of application. Flexseal Supreme must be applied using proper preparation and installation procedures for the Flex Stone warranty to be valid. Flexseal Supreme has been chemically engineered to be compatible with Flex Stone products to provide the maximum physical properties. Substrate temperature must be no less than 40° F and not exceed 80° F. If applied outside these limits the sealer may not achieve adequate film formation and may have excessive air entrapment, bubbles, blushing, or hazing. Concrete surface must be clean and free of all contaminants and water. Do not apply if rain is forecast within 24 hours. If moisture is present or if the surface is not clean and free of all contaminants, the sealer may have white spots and have premature delamination and failure. May be applied when damp (not "wet") to freshly placed concrete surfaces. Thick or puddle areas may prevent the solvent from evaporating and may be susceptible to moisture intrusion which may cause milky white spots. Applying too thin may cause sealer to prematurely delaminate, flake or wear away. Allow sealer to dry for 24 hours for light traffic and at least 48 hours for heavy traffic. If applying two coats, wait approximately 4 - 6 hours between coats

SHELF LIFE

If properly stored, the expected shelf life can exceed 6 months. However, it is recommended that Flexseal Supreme be used as soon as possible after delivery. Rotate stock to use oldest inventory first. Store under roof and keep dry.

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PHYSICAL PROPERTIES

Solids	30%
Drying Time	1 - 2 hours
Re-Coat Time	4 - 24 hours
Foot Traffic	4 - 6 hours
Wheel Traffic	24 - 48 hours
Application Temp	40°F - 85°F
Wet Appearance	Clear
Dry Appearance	Clear with High Gloss
VOC Content	<700 g/l
Blush Resistance	Superior
Solvent Resistance	Minimal
Concrete Adhesion	Excellent
Aashto-m-148 dried coating	IS USDA accepted
Boiling point	348 degrees F
Evaporation Rate	0.370 (n-butyl acetate = 1)
Vapour Density	> 1 (air=1)
Ph level	Not applicable
% volatile by volume	85.53 Theoretical
% volatile by weight	0.00 Theoretical
Weight per gallon	7.80 Theoretical
Appearance	Clear colorless liquid
Combustible material	Class II
Flash point	105 degrees F (estimate)

COVERAGE

Coverage rates vary depending on porosity and texture, and application method. Excessive build up should be avoided.

CLEANABILITY

In general, the more aggressive the finished surface the greater the coefficient of friction and corresponding skid resistance, the more difficult to clean. The smoother the finished texture the easier the surface is to clean, but there is a loss of skid resistant properties. Cleaning and disinfecting compounds and cleaning techniques can affect the colour, gloss, texture and performance of the system. As a precautionary step, Flex Stone recommends that the end-user test their cleaning and disinfecting compounds on a non-conspicuous area before use. Remove any over-spray of Flexseal Supreme immediately with Xylene. Dried, cured sealer may be removed with a commercial paint stripper, such as Citrus Strip 100 or by using a diamond grinding method, sandblasting method, or similar mechanical action.

LIMITED WARRANTY

NO WARRANTY SHALL BE EFFECTIVE UNTIL THE TERMS AND CONDITIONS OF SALE SET FORTH IN Flex Stone - Consolidated Aggregates, INVOICE ARE MET.

Flex Stone warrants to the purchaser of its products that such products are free from manufacturing defect. Flex Stone does not warrant or guarantee the workmanship performed by any person or firm installing its products. Flex Stone obligation under this warranty is limited solely to the original purchaser and solely to replacement in kind of any Flex Stone product which may prove defective in manufacture within three years from date of installation, provided said product was stored correctly and installed within the product's shelf life, by the original purchaser and upon examination, by Flex Stone, shall be deemed defective. IN NO EVENT SHALL Flex Stone BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES. THIS WARRANTY IS EXPRESSLY GIVEN IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR USE AND ALL OTHER OBLIGATIONS OR LIABILITIES ON Flex Stone PART, AND WE NEITHER ASSUME NOR AUTHORIZE ANY PERSON OR PERSONS TO ASSUME FOR US ANY OTHER LIABILITY IN CONNECTION WITH THE SALE OF A Flex Stone PRODUCT. THIS WARRANTY SHALL NOT APPLY TO ANY OF Flex Stone PRODUCTS, WHICH HAVE BEEN SUBJECT TO ADULTERATION, ALTERATION, ABUSE OR MISUSE. Flex Stone MAKES NO WARRANTY WHATSOEVER IN RESPECT TO ACCESSORIES, PARTS OR MATERIALS NOT SUPPLIED BY Flex Stone, WHICH ARE USED IN CONNECTION WITH ITS PRODUCTS. THE TERM "ORIGINAL PURCHASER" IN THIS WARRANTY MEANS THAT PERSON, CORPORATION OR ENTITY TO WHOM Flex Stone Inc. SOLD ITS PRODUCT OR PRODUCTS.