



RubberShield® Ceramic

Product Information and Technical Data

Product Description

RubberShield Ceramic is an extra thick, highly flexible and reflective acrylic coating designed with superior hiding ability. RubberShield Ceramic resists cracking, peeling and mildew, while offering tremendous durability and long-term service. RubberShield Ceramic expands and contracts with movement to resist damage. RubberShield Ceramic provides an excellent, highly reflective barrier that reflects

Use On:

- Polyurethane Foam
- Asphalt Built-up
- Modified Bitumen
- Metal
- Cement Tile
- Polystyrene
- Polyester Panels
- Single-ply, EPDM, PVC
- Previously Coated Surfaces
- And More

the sun's hot infra-red and destructive UV rays. In turn, this helps to cool surfaces and leads to a reduction of interior temperatures, the demand for cooling, cooling costs and machinery run-time. RubberShield Ceramic contains special heat reflective pigments and ceramic

micro spheres that keep buildings cooler than standard reflective coatings and roofs. RubberShield Ceramic is an investment that actually pays for itself from savings on cooling costs.

RubberShield Ceramic is a weatherproof coating that extends the life of new and existing roof systems. It beautifies as it preserves and protects. The coating has the ability to bridge hairline cracks that may develop to maintain a continuous, monolithic, protective membrane.

Additional RubberShield Ceramic and Related Products: Seam Sealer • Mastic • Skylight Coating • Asphalt Bleed Blocking Primer • Rust Inhibiting Primer • Reinforcing Fabrics • Tapes • Insulation

Preparation

Clean all surfaces so they are free of dust, dirt and foreign matter. On previously coated surfaces, the old coating must remain solidly adhered to qualify for recoating. Metal roofs should have all rusted areas primed with a rust inhibiting primer. Surfaces carrying mildew growth or stains must be cleaned using a solution of 2 parts water to one part bleach prior to applying this product. Rinse thoroughly. Pressure washing the entire surface is recommended for best results. Deficient laps and flashings can be repaired using GlobalShield CYA self-adhesive seam tape or a 3-course application of RubberShield Polyester reinforcement between alternating layers of Rubbershield Ceramic. Allow repairs to cure 24-48 hours before application of the field coats. Do not heat or thin. Do not apply if rain is expected within 36 hours.



Application

Protective clothing and eyewear should be worn during application of this product. Always apply on a clear, warm, sunny day. Apply during morning hours allow maximum cure time. Temperatures must be above 50°F (for 24 hours prior) and rising, but not above 110°F. Apply with ¾" nap exterior paint roller or a professional airless sprayer. First apply one coat over all seams, joints and fasteners. Allow to cure for one hour or until dry, and then apply two (2) uniform coats over the entire surface, avoiding excessive rolling. Two full coats are required for all applications. Allow at least 4 hours between coats and 24-36 hours for a complete system cure. Coverage is approximately 50-75 s.f. per gallon, per coat, depending on the surface. TOTAL COVERAGE for a two-coat (2) application is 35 s.f. per gallon.

Spray Info: 2000-3000 psi, .041" Tip Size, @1-3 GPM

Benefits:

- Highest quality coating
- Excellent adhesion to most surfaces
- Excellent adhesion to Foam
- Meets requirements of Energy Star
- Energy savings for air-conditioned buildings
- Reflects up to 95% of the radiation from the sun
- Prevents mold and mildew growth
- Environmentally friendly
- Long service life

Characteristics

- Weight per gallon: 11.84 lbs
- Solids by weight: 72%
- Solids by volume: 59%
- Elongation: up to 450%
- Tensile Strength: up to 725 psi
- Combustible Solvents: None
- Cure time at recommended coverage: 4 hours between coats, 24-48 hours for a complete cure at 87% max. humidity.
- Meets ASTM D6083

Note: If surfaces become soiled, the elastomeric coating can be cleaned with a mild solution of water and bleach. Excessive scrubbing should be avoided.

Clean-up: Clean tools with soap and water.

Precautions: Do not store RubberShield Ceramic at temperatures below 50°F. Keep closed when not in use. While transporting this product, ensure that the lid is completely closed and the pail secured. Do not allow pails to tumble as this may cause the lid to loosen and leakage may occur. The manufacturer also disclaims liability for flat surface applications where drainage is poor or ponding of water may prevail. The container should not be reused, but disposed of in an environmentally acceptable manner.

Warranty: RubberShield Ceramic is a quality product using the finest raw materials available. The sole obligation of GlobalShield, Inc., or the seller, shall be to replace such quantity of the product that is proven to be defective. Neither GlobalShield, Inc. nor the seller shall be held responsible or liable for any injury, loss or damage, direct or indirect that occurs from the use or misuse of the product. The applicator shall determine the suitability of the product for the intended use, and user assumes all risk and liability.

CAUTIONS! Do not take internally. Close the container after each use. **KEEP OUT OF THE REACH OF CHILDREN.** Use with adequate ventilation. VOC/COS - 11 g/l max. (0.09 lbs. /gal.)

Availability:

Products are immediately available from GlobalShield, Inc. throughout the United States.

Cost: Cost data is available from your local GlobalShield representative.

Technical Services: GlobalShield Technical Services Department provides problem analyses and assistance in developing recommendations for special applications. Warranted systems require inspection by GlobalShield technical representative.

Statement of Policy and Responsibility:

GlobalShield, Inc. takes responsibility for furnishing quality materials and providing specifications and recommendations for their installation. GlobalShield, Inc. does not, either itself or through its representative, practice architecture or engineering. GlobalShield, Inc. offers no opinion regarding, and expressly disclaims any responsibility for, the structural soundness of any substrate upon which its products may be applied. Opinions by competent structural engineers, as to the soundness of the substrate or its ability to properly support the contemplated installation, should be obtained by the owner.

Disclaimer: GlobalShield, Inc. accepts no liability for any failure of substrate, structure or resultant damages, and no GlobalShield representative may vary from the contents of this disclaimer.



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