



*Advanced Acrylic
Heat Reflective
Elastomeric
Roof Coating*

ROOFSHIELD®

- Waterproof
- Elastomeric
- Brilliant White
- Easy to Apply
- Extends Roof Life
- 10+ Years Longevity
- Reduces Energy Consumption



ADVANTAGES

- Reduces energy consumption by reflecting the sun's heat and lowering roof temperatures
- Ultraviolet Resistant – Unaffected after 4,000 hours of accelerated weathering
- Advanced acrylic polymers remain permanently flexible
- Water-Based – No solvents; cleans up with soap & water
- Conforms to all federal, state & local air pollution standards
- Low-cost application & maintenance
- Touch-up with acrylic caulk or additional ROOFSHIELD
- Color Stable – The acrylic resins crosslink under U.V. exposure to lock in color & lock out dirt
- High Film Build – High volume solids allows fast application to uniformly cover textured substrates

ROOFSHIELD® is a highly flexible, water-based, advanced acrylic coating that combines high reflectivity with good weatherability. Its ultraviolet resistance, tenacious adhesion and ease of application make ROOFSHIELD an effective solution to extend the life of a wide range of new or existing roofing substrates.

ROOFSHIELD was developed to extend the life of new or existing **built-up, metal, concrete, single-ply and composite shingle roofs** by providing a waterproof, white reflective topcoat. The high reflectivity of ROOFSHIELD keeps the roof surface cool, which reduces thermal breakdown and extends the life of the roof. The reflectivity also saves money by reducing energy demands for air-conditioning. ROOFSHIELD'S rich consistency uniformly covers the textured profile of various substrates, forming a permanently flexible monolithic membrane that provides protection from normal weathering, aging and ultraviolet exposure.

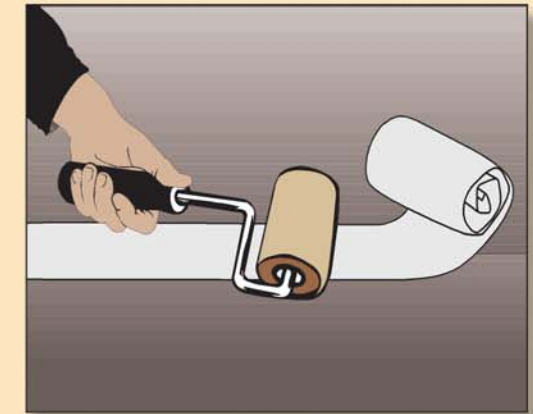
The preferred method of application for ROOFSHIELD is with conventional airless spray equipment capable of a minimum of 2000 psi (13,790 kPa), however, it may also be applied using a roller or brush in areas where spray equipment is not feasible. Multiple coats will be required to achieve the desired thickness. Depending on the surface texture and desired warranty, apply 2 to 4 gallons per 100 square feet (.4 to 1.6 l/m²). Ensure that each coat is completely dry prior to applying the next. Dry time will vary depending on ambient conditions and applied thickness.

UNITED COATINGS is an ISO 9001-2000 certified company. Building Owners, Architects, Engineers and Contractors from around the world depend on UNITED COATINGS to solve complex problems on a wide range of surfaces. We remain dedicated to the development of high performance, user-friendly products through creative chemistry, and we look forward to fulfilling your upcoming coatings requirements.

CLEAN the roof surface thoroughly with a biodegradable cleaner, a stiff broom and plenty of clean water. Repair or replace any damaged or unsound sections of the roof surface. Clean rusted metal with a wire brush. Tighten or replace all loose or damaged mechanical fasteners. ***Always use extreme caution when working on a roof or when using a ladder to access the roof.***



REINFORCE seams and fasteners. Use high quality butyl-backed roofing tape or polyester roofing fabric embedded between two layers of ROOFSHIELD to create a permanently flexible solution for joints, transitions and other problem areas. Cover all screw heads with either a butyl-backed reinforcing cap or butter-grade roofing compound.



COAT the entire roof surface evenly according to the Master Guide Specifications available from your ROOFSHIELD dealer, paying special attention to the application instructions, limitations and precautions. Changes in weather involving precipitation or freezing temperatures can have an adverse affect on the system's performance. Allow each coat to dry thoroughly before proceeding with additional coats.



COAT AGAIN working in a perpendicular direction to the first coat, if possible. Apply in good, heavy coats in order to achieve minimum film thickness requirements. In problem areas or areas subject to high wear from foot traffic, apply additional ROOFSHIELD in a manner consistent with the application instructions detailed in the Master Guide Specifications.

