



UNITED COATINGS™

ROOFSHIELD®

COATING / REVESTIMIENTO

DESCRIPTION: United Coatings™ Roofshield® Coating is a water-based, acrylic elastomeric coating. Roofshield® Coating's rich consistency uniformly covers the textured profile of various substrates, forming a permanently flexible monolithic membrane that helps provide protection from normal weathering, aging, and ultraviolet exposure. The high reflectivity of Roofshield® Coating helps keep the roof substrate cool, which not only prolongs its longevity but also helps save on energy costs.

USES: Roofshield® Coating can be used with various primers on existing metal, concrete, TPO, PVC, and most asphaltic membrane roofs. New metal and concrete roofs should be weathered for at least 30 days. New asphaltic, TPO, and PVC roofs should be weathered for at least 90 days. Note: For use on EPDM or smooth APP membranes, see gaf.com for more details. Do **NOT** use on gravel-surfaced roofs or shingle roofs.

SUBSTRATE PREPARATION: All surfaces must be clean, dry, and free of any dirt, dust, oil, surface chemicals, or other contaminants that may interfere with optimum adhesion. Any unsound areas in the roof must be repaired or replaced prior to application. Deteriorated or badly corroded metal must be replaced prior to application. TPO & PVC roofs must be primed before applying RoofShield® Coating. See gaf.com for more details.

MIXING: Thoroughly mix using a power mixer for a minimum of 5 minutes prior to application. For 5-gallon (18.9 L) pails, use a 3" (76 mm) minimum diameter mixing blade. For 55-gallon (208 L) drums, use a 6" (152 mm) minimum diameter blade.

APPLICATION: Roofshield® Coating must be applied in two or more coats at 1.0 – 1.5 gallons per 100 square feet (4.1 – 6.1 L/10 m²) per coat. Additional coats may be applied as soon as the previous coat is dry enough to walk on. Dry times are typically 24 hours and will vary based on temperature and humidity. Apply each subsequent coat perpendicular to the previous coat to ensure proper coverage. Total coverage should be 2.0 – 3.0 gallons per 100 square feet (8.2 – 12.2 L/10 m²). Coverage rate will vary depending upon the substrate, its surface profile, and porosity. Rough substrates will require additional coating. Total finished dry film thickness must be at least 19 mils (0.48 mm).

SPRAY INSTRUCTIONS: Apply product with an airless sprayer, covering the surface at an even rate. Use an airless spray pump with a 1 gallon-per-minute (3.8 L/minute) output and 2,000 psi (13,790 kPa) pressure capability. Use a reversible, self-cleaning tip with orifice size 0.027" – 0.039" (0.69 – 0.99 mm) and a fan angle of 40° to 50°. Filter screens should be 30 mesh or larger. For lengths up to 75 ft. (23 m) from pump, use a 3/8" (9.5 mm) minimum inside diameter, nylon high pressure-type hose. For lengths of 75 ft. – 200 ft. (23 – 61 m) from pump, use 1/2" (12.7 mm) inside diameter hose added to pump side of existing 3/8" (9.5 mm) hose to maintain pressure and delivery. For lengths over 200 ft. (61 m) from pump, use 5/8" to 3/4" (16 to 19 mm) inside diameter hose added to pump side of existing hose.

CLEAN-UP: Clean equipment and overspray with water before curing. If coating has hardened, clean with mineral spirits or biodegradable turpentine solvent. Clean hands with soap and water or waterless hand cleaner.

STORAGE & HANDLING: Store material in a clean and well-ventilated area at 40°F – 90°F (4°C – 32°C). Storage outside this temperature range may shorten shelf life. Keep containers covered when not in use. Do **NOT** allow coating to freeze.

SHELF LIFE: 18 months from date of manufacture in unopened containers, if stored properly.

IMPORTANT: Repair leaks promptly to avoid adverse effects, including mold growth.

- **DO NOT** apply on wet substrates or in temperatures below 50°F (10°C).
- **DO NOT** apply if rain, dew, fog, or freezing temperatures are in the 24-hour forecast.
- **DO NOT** apply in the late afternoon if heavy moisture condensation may appear during the night.
- **DO NOT** apply on substrates that exceed 105°F (40°C).

For technical, system, and warranty information, visit gaf.com or call 1-800-766-3411.

FOR PROFESSIONAL AND OUTDOOR USE ONLY

WARNING

HAZARD STATEMENTS: Suspected of causing cancer.

PRECAUTIONARY STATEMENTS: Keep out of reach of children. Keep container tightly closed. Read label before use. Do not handle until all safety precautions have been read and understood. Use with adequate ventilation. Wear protective rubber gloves and ANSI approved safety glasses when handling this product. Dispose of contents and empty containers in accordance with local, state, and federal regulations.

CONTAINS: Titanium Dioxide, Paraffinic Petroleum Oil, Calcium Carbonate.

For further information on this product, see Safety Data Sheet at gaf.com.

