

Physical Property	Typical Value	Test Method
Application Temperature (Ambient)	35°F to 120°F (2°C to 49°C)	–
Durometer Hardness	42 Shore A	ASTM D2240
Elongation at Break	280%	ASTM D412
Flash Point	140.9°F (60.5°C)	ASTM D93
Flame Spread	Class A	ASTM E108/UL790
Low Temperature Flexibility	-15°F (-26.1°C)	ASTM D522
Permeability	4.6 perms	ASTM E96
Solids Content by Volume	92% +/- 3	ASTM D2369
Solar Reflectance, Initial	87*	ASTM C1549
Solar Reflectance, 3 Year Aged	84*	ASTM D7897, C1549
Solar Reflectance Index (SRI), Initial	110*	ASTM E1980
Solar Reflectance Index (SRI), 3 Year Aged	106*	ASTM D7897, ASTM E1980
Thermal Emittance, Initial	0.90*	ASTM C1371
Thermal Emittance, 3 Year Aged	0.90*	ASTM D7897, ASTM C1371
Tack-Free Time	1–2 hours	–
Tensile Strength	320 psi	ASTM D412
VOC Content (Maximum)	10 g/L	–
Water Absorption	0.0005%	ASTM D471
Water Leakage Resistance	Pass (≥ 22 dry mils)	ASTM D7281
Water Resistance (Hydrostatic Pressure)	100 psi (min 24 wet mil)	AATCC 127 (option 1)
Weathering, Accelerated QUV 5,000 Hours	No degradation	ASTM G154

APPROVALS AND CERTIFICATIONS

- Cool Roof Rating Council (CRRC) rated product
- Meets the requirements of California Energy Commission (CEC) Title 24 Section 118(i)3
- Florida Product Approval
- Miami-Dade County Product Control Approved
- UL Classified: Cements and coatings for roofing systems as to external fire exposure
- Meets or exceeds ASTM D6694 Standard Specification for Liquid-Applied Silicone Coating Used in Spray Polyurethane Foam Roofing Systems
- Excellent fungi resistance in accordance with ASTM G21 Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi

QXO (Formerly Beacon Building Products)

505 Huntmar Park Drive, Suite 300

Herndon, VA 20170

QXO.com

360421 Revised 6.23.25

EnduraRoof Premium Silicone White Roof Coating

DESCRIPTION

100% silicone, high-solids, solvent-free, one-component, moisture-curing silicone rubber roof coating system designed for use on existing smooth asphalt BUR, smooth or granulated cap sheets, single-ply roof membranes, well-adhered acrylic coatings, metal, concrete, sprayed-in-place polyurethane foam, and various aged membrane roofs. This system offers long-lasting weather protection, resisting ozone, ultraviolet radiation, and temperature extremes. With its high solids content and no hydrocarbon solvents, **EnduraRoof Premium Silicone White Roof Coating** can be applied in excess of 50 mils in a single coat without blistering, ensuring superior adhesion.

FEATURES

- Dirt-Resistant Technology – Retains Whiter, Brighter Surfaces Longer
- Rain safe in just 15 minutes for quick protection
- Reflects heat to help save energy
- Wide application temperature range (35°F to 120°F / 2°C to 49°C) for versatile use
- Resistant to permanent ponding water, ensuring long-lasting durability
- Superior UV resistance and weathering performance for extended protection
- VOC compliant and solvent-free for environmentally friendly use
- Mold and mildew resistant to maintain roof integrity
- Chemically bonds with roof substrates as it cures for a strong, lasting hold
- Excellent adhesion and flexibility to adapt to various roof surfaces
- Easy to apply by spray, roller, or brush for convenience and efficiency

USAGE

Coating can be used on many different commercial and residential roof substrates to reflect the sun's heat and UV rays, as well as to help seal and protect the surface. It works well on low slope roofs and suitable for pitched roofs. Acceptable roof types include:

- Aged asphalt roofs – including Built-Up Roofing (BUR) and Modified Bitumen (MB)
- Aged single-ply and rubber roofs, including TPO, EPDM, PVC, and Hypalon® roofs
- Aged fiberglass roofs
- Spray Polyurethane Foam (SPF) roofs
- Metal roofs
- Concrete roofs
- Recoating previously coated roofs

To prevent bleed-through, discoloring and staining over new or aged asphalt materials, BUR and modified bitumen membrane, **EnduraRoof Base Coat & Sealer** must be used prior to making silicone repairs. On metal roofs, remove all rust and treat with a rust-inhibiting spot primer. Not recommended over Kynar®/Hylar® coated metal roofs, or shingles of any kind.

Always perform an adhesion test patch over smooth MB/BUR, EPDM, TPO, PVC, and Hypalon® and existing coated roofs, and metal roofs. If the adhesion test result is not greater than or equal to two pounds, use EnduraRoof Silicone Roofing Primer and repeat test.

EnduraRoof Premium Silicone White Roof Coating

APPLICATION

Clean: Using a minimum 2,000 psi pressure washer wash the roof with a non-filming detergent, such as TSP or TSP substitute. Caution should be used to not inject water into the roof substrate during washing. In areas with stubborn dirt, grease, or other contaminants, use a stiff bristle brush or broom to scrub the areas clean with additional water and non-filming detergent. Treat mildew or mold. Give the roof a final rinse to ensure it is free of all detergent or anything else that could affect adhesion. Allow roof to dry completely before application. Apply a test area of coating over the existing membrane to verify proper adhesion to membrane prior to start of application.

Prep: On metal roofs, remove all rust and treat with a rust-inhibiting spot primer. On asphaltic roofs, use **EnduraRoof Base Coat & Sealer** for bleed blocking. If primer is required on single ply membrane or metal, apply **EnduraRoof Silicone Roofing Primer**.

After primer or base coat sealer is applied (if needed), repair defects, such as splits, cracks, blisters, deteriorated flashing, cracked metal edging, and any other defects affecting the water tightness of the roof. As a preventative measure, seal all penetrations, curbs, flashings, transition areas, areas where dissimilar materials intersect, and other areas that could leak with **EnduraRoof Silicone White Roof Sealant** or **EnduraRoof Butter-Grade Silicone Roof Sealer** or a three- course patch with **EnduraRoof Premium Silicone White Roof Coating**. Ensure all drains are clean and clear and cut back any vegetation that is growing that may cause debris to fall on the roof and clog drains in the future.

COVERAGE

Minimum coating coverage is 1.5 gallons/square. Dry film thickness (DFT) should be a minimum of 22 mils. Apply each additional coat in a perpendicular direction to the previous coat. Application rates should be adjusted to meet unique roof and substrate specific requirements. Coverage rates are theoretical and do not take into account for material loss due to spraying, surface texture, etc. Thicker dry film results in better performance and longer coating life.

CLEAN-UP

Clean-up of spray equipment containing uncured material may be accomplished by flushing with VM&P Naphtha or mineral spirits. Read solvent Safety Data Sheets before use. Keep cleaning solvents away from all sources of heat, sparks, flame, lighted smoking materials, or any other ignition source. This product cures by reacting with moisture and should not be left in spray guns, pump equipment, and hoses for prolonged periods unless equipment contains moisture lock hoses, fittings, and seals. Equipment without these components will transmit sufficient moisture vapor to gradually form cured material on hose walls and at unsealed connections potentially causing an increase in operating pressure and material flow restriction.

SHELF LIFE

Unopened, 24 months from date of manufacture when stored in a cool, dry, and shaded location.

PACKAGING

5 gallon

Hypalon® is a registered trademark of DuPont Performance Elastomers LLC.

Kynar® is a registered trademark of Arkema.

Hylar® is a registered trademark of Solvay.

QXO (Formerly Beacon Building Products)

505 Huntmar Park Drive, Suite 300

Herndon, VA 20170

QXO.com

360421 Revised 6.23.25