

Physical Property	Typical Value	Test Method
Elongation, Initial	250%	ASTM D2370
Elongation, after 1000 Hours Aging	150%	ASTM D2370
Tensile Strength, Initial	150 psi	ASTM D2370
Low Temperature Flexibility, after 1,000 Hours Aging	PASS, no cracking or checking	ASTM D522
Solids Content by Volume	48–52%	ASTM D2697
Viscosity (cP)	22,000–27,000, 60/20 rpm	ASTM D2196
VOC Content (Maximum)	50 g/L	–
Water Absorption	20%	ASTM D471
Water Vapor Permeance	20 perms	ASTM D96
Weight per Gallon	10.5–11.50 lbs.	ASTM D1475
Solar Reflectance, Initial	0.84	ASTM C1549
Solar Reflectance, 3 Yr	0.73	ASTM C1549
Thermal Emittance, Initial	0.91	ASTM C1371
Thermal Emittance, 3 Yr	0.91	ASTM C1371
Solar Reflectance Index (SRI), Initial	106	ASTM E1980
Solar Reflectance Index (SRI), 3 Yr.	91	ASTM E1980

APPROVALS AND CERTIFICATIONS

- Meets the requirements of California Energy Commission (CEC) Title 24 Section 118(i)3
- Cool Roof Rating Council (CRRC) Rated ID #0620-0076

DESCRIPTION

EnduraRoof Acrylic Elastomeric Roof Coating is a white elastomeric roof coating with a high solids formula offering better weather protection, solar reflectivity and longevity than economy grade reflective roof coatings.

FEATURES

- Helps preserve existing roof membrane
- Highly reflective with lasting performance of greater than 73%
- Contributes to a reduction in utility savings
- Mildew and stain resistance to maintain bright white appearance and reflectivity

EnduraRoof Acrylic Elastomeric Roof Coating

USAGE

EnduraRoof Acrylic Elastomeric Roof Coating can be used on low and steep slope roofs to provide protection for newly applied roof assemblies or to restore aged structurally sound roof systems. Acceptable roof types include: asphalt roofs, including smooth Built-Up Roofing (BUR), Modified Bitumen (MB), aged EPDM, TPO, PVC, and Hypalon® single ply roofs, aged metal, concrete, previously coated roofs, and asphalt emulsion.

APPLICATION

Clean: Before coating the roof use a pressure washer with greater than 2,000 psi to clean the roof with a non-filming detergent, such as TSP or TSP substitute. Use appropriate pressure and take caution not to inject water into the roofing substrate when power 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. Remove rust on metal with a wire brush, sandblast or mechanically abrade until substrate is smooth and rust free. Rinse the roof to ensure it is free of all detergent or anything else that could affect adhesion. Using a leaf blower or broom, clear any remaining dust, dirt, debris or other foreign material that may prevent proper adhesion.

Repair: Inspect area to be coated. On metal roofs, remove old and damaged mastic repairs at laps, seams and fasteners. Repair all defects including cracks, splits, holes, blisters, deteriorated flashings, cracked metal edging and any other defects affecting the water tightness of the roofing systems. Do this by layering **EnduraRoof Polyester Repair Fabric** between two heavy coats of **EnduraRoof Acrylic Roof Patch** and allow to form a skin and set up—from 2 to 24 hours, depending on depth of fill and weather conditions—before coating. Tighten or replace fasteners on metal roofs as necessary. Seal fasteners and seams with **EnduraRoof Acrylic Roof Patch** and allow to cure. Ensure all roof drains and gutters are clean and clear, and cut back any vegetation that is growing above the roof which may cause debris to fall on the roof and clog drains and gutters in the future. All roof areas must promote positive drainage.

NOTE: Existing roof membrane must be sound, dry, clean and free of oil, grease, dirt, excess mortar, frost, laitance, loose and flaking particles, or other contaminants. All leaks must be sealed prior to application of coating.

DO NOT THIN. DO NOT APPLY IF RAIN OR TEMPERATURES BELOW 50°F (10°C) ARE EXPECTED WITHIN 12 HOURS (low temperature and/or high humidity may require longer drying time). Do not heat container or store at temperatures greater than 120°F (49°C). DO NOT ALLOW COATING IN PAIL TO FREEZE. Not for use over plywood, walking decks, gravel, Kynar®/Hylar® coated metal roofs, shingles of any kind, or old roofs that are too dry and brittle to withstand the shrinkage stresses that occur after the application of any coating. Do not apply to wet or saturated roofs.

Apply: Surface must be dry. If the roof surface is too hot to touch (> 140°F / 60°C), it is too hot to coat. Stir coating thoroughly and apply with heavy-duty sprayer or deep-pile paint roller with wood handle and metal threads, keeping strokes in one direction. For newly applied asphalt emulsion, apply coating as soon as it has cured, normally 1–7 days.

COVERAGE

Minimum coating coverage 3 gallons/square applied in 2 coats. Coat one at 1.5 gallons/square and then an additional coat applied at 1.5 gallons/square perpendicular to the base coat. Coverage varies with surface texture. Coverage rates are theoretical and do not take into account material loss due to spraying, surface texture, etc. Thicker dry film results in better performance and longer coating life.

QXO (Formerly Beacon Building Products)

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CLEAN-UP

Before coating dries, clean hands, tools, spillage, etc., with warm soapy water. If coating has dried, clean hands with a waterless hand cleaner. Soften the dried film on tools with mineral spirits and then scrape clean. When using mineral spirits, exercise safe practices concerning flammability and toxicity.

PACKAGING

- 5 gallon
- 55 gallon

COLOR

White

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

Kynar® is a registered trademark of Arkema.

Hylar® is a registered trademark of Solvay.

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