



POLYACRYTHANE™ ROOF COATING SYSTEM

ROOF ARMOR

Roof Protector • Spray-Applied Roof Restoration

A next-generation roof restoration system engineered to stabilize, seal, and extend the service life of asphalt shingle and other roofing systems — penetrating to reinforce the shingle matrix while forming a flexible, UV-stable protective membrane.



15 YR WARRANTY	Class A FIRE RATING	0 g/L VOC	250% ELONGATION	1,800 PSI TENSILE
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TESTING & COMPLIANCE	✓ ASTM E84 • Class A Fire	✓ ASTM E96 / D2370 / D412 Tested
	✓ 0 g/L VOC • PFAS-Free	
	🕒 UL Listing	IN PROGRESS

- Granule Stabilization
- Waterproofing
- Vapor Permeable
- UV Resistant
- Flexible & Crack-Bridging
- Single Component

01 Roof Armor vs. traditional roof rejuvenation

CAPABILITY	Roof Armor Roof Protector POLYACRYTHANE™ COATING	TRADITIONAL REJUVENATION (BIO-OIL / SOY TREATMENT)
Protection mechanism	Penetrates + forms a sealing membrane	Penetrating oil only
Forms a waterproof membrane	✓ Yes	– No
Restores shingle flexibility	✓ Yes	✓ Yes
Stabilizes & binds granules	✓ Yes	✓ Yes
Class A fire rating (ASTM E84)	✓ Yes	– No
UV-reflective / IR finish option	✓ Yes	– No
Compatible substrates	All roof types	Asphalt shingles only
VOC content	0 g/L	Varies by product
Coverage of protection	15-year system warranty	~5 years per application

Comparison reflects typical penetrating bio-oil / soy-based shingle rejuvenation treatments and is not a representation about any specific brand. Third-party product specifications should be independently verified.



02 Technical data

PHYSICAL PROPERTIES

VOC Content	0 g/L
Color	Clear
Finishes	Tinted / IR
Shelf Life	3 Years

ASTM PERFORMANCE

Perm Rating ASTM E96	15 perms
Elongation ASTM D2370	250%
Tensile Strength ASTM D412	1,800 psi
Fire Rating ASTM E84	Class A

COVERAGE RATE

100–200 ft²

per gallon

CURE TIMES

1 hr dry-to-touch

Foot traffic allowed once dry to touch · full cure 24 hrs

AVAILABILITY

1 / 5 / 55 / 275 gal

Containers for any project scale

03 Where to use

SUBSTRATE COMPATIBILITY

Asphalt	Metal	Membrane	Wood shingle
Concrete	Tile	Clay	

RECOMMENDED FOR

- ◆ Commercial & industrial roofs
- ◆ Residential roofing systems
- ◆ Data centers, medical & schools

04 Application

- 1 Ensure surface is clean, dry & free of contaminants.
- 2 Protect surrounding areas from overspray.
- 3 Apply first coat evenly by sprayer or roller.
- 4 Do not allow the product to puddle.
- 5 Allow coat to dry to the touch (≈1 hour).
- 6 Ensure uniform coverage across the surface.
- 7 Clean all equipment immediately with water.

APPLICATION CONDITIONS

- 🌡️ Apply between 32°F (0°C) and 120°F (48°C)
- ☁️ Avoid application during rain or high humidity
- ⚠️ Substrate temperature must be above the dew point

Do not apply to standing water or saturated surfaces. Protect all adjacent surfaces from overspray or runoff. Always test a discrete area prior to full application to confirm performance and compatibility.

05 Storage, safety & handling



Storage & Handling

Store cool & dry, out of direct sunlight. Keep containers tightly sealed. Protect from freezing.



Environmental & Safety

Water-based, low-VOC, non-toxic. Free of solvents, PFAS, APEO, benzophenone & formaldehyde.



Availability

1 gal	5 gal	55 gal
275 gal		

— OUR WARRANTY



Backed for 15 years

Roof Armor™ warrants that when the Roof Protector Polyacrythane™ Roof Coating System is applied in accordance with manufacturer specifications, it will perform as a protective, water-resistant, and weathering barrier for fifteen (15) years from the date of application.

Intended to extend the functional service life of qualifying asphalt shingle roofing systems. Full terms available on request.

