POLYACRYTHANE™ ROOF COATING SYSTEM

HRX

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	Class A	0 g/L	250%	1,800
WARRANTY	FIRE RATING	VOC	ELONGATION	PSI TENSILE

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 HRX vs. traditional roof rejuvenation

CAPABILITY	HRX 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

15 YR WARRANTY

OUR WARRANTY

Backed for 15 years

HRX™ 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.

HRX BY ARMOVEX
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