



POLYURETHANE 300

Flexible Roof Restoration System



HIGHEST PERFORMING SYSTEMS. LOWEST APPLIED COST.

TOUGH GOT TOUGHER THE ULTIMATE POLYURETHANE SYSTEM

ERSystems® has been an industry leader of polyurethane coating for over 40 years. The new Polyurethane 300 restoration system combines a proven aromatic base coat, which has over 10 years of performance history, with a new aliphatic finish coat designed to be physically superior to anything else in the market. Polyurethane 300 is uniquely formulated with bio-based hydrophobic polymer system that supports high performance coating system. The newly designed elastomeric system provides excellent flexibility and durability resulting to superior hydrophobicity, impact, and UV resistance over long period.



Superior Physical Strength

Polyurethane 300 Aliphatic Finish Coat stands up to and surpasses competition in areas like elongation, tensile strength tear strength.



Easy Application = Less Time

Single component polyurethane rids of complexity. It's extreme viscosity makes the coating easy to apply and spend less time on the jobsite.



Sticks to Everything

Unlike silicone, Polyurethane 300 system is tenacious and sticks to a wide variety of commercial roof substrates without primer.



Restore Today, Recoat in Future

Unlike silicone, Polyurethane 300 Aliphatic Finish Coat's low permeability allows roofs to be recoated. Ask for our extended warranty program today.



Moisture Cure, Low Permeability

Single component, moisture cure polyurethane makes the coating cure faster in high humidity. Low permeability deters ponding water.



Robust Protection

Extremely robust coating protects roofs from UV rays, chemicals, fungi, and mold, making a roof sustainable even longer.



Time Tested Performance

Engineered with time proven technology. Roofs restored with our polyurethane 30-40 years ago are still performing!



In Field Technical Support

Our industry experts work with the contractor to achieve the most reliable and effective restoration based customer needs and substrate condition.

In combination with substrate primers and Polyurethane 300 Aromatic Base Coat, Polyurethane 300 Aliphatic Finish Coat produces a continuous, seamless, waterproof coating system.

	Polyurethane 300 Aliphatic Top Coat	Polyurethane Competition	Silicone Competition
Tensile Strength	2390 psi	1435 psi	450 psi
Elongation @ Break	475%	351%	174%
Tear Strength	281 lb/in	159.8 lb/in	21 lb/in
Hardness (Shore A/D)	90A	85A	55A
Permeability	0.0518 perm-inch	0.020 perm-inch	0.1155 perm-inch

Cool Way to Save Money with Roof Restoration

- \$ Highly reflective roof coatings produce cooler white roofs, which lower energy costs and extend the life of the roof. It's faster payback for the building owner and an increased return on investment.

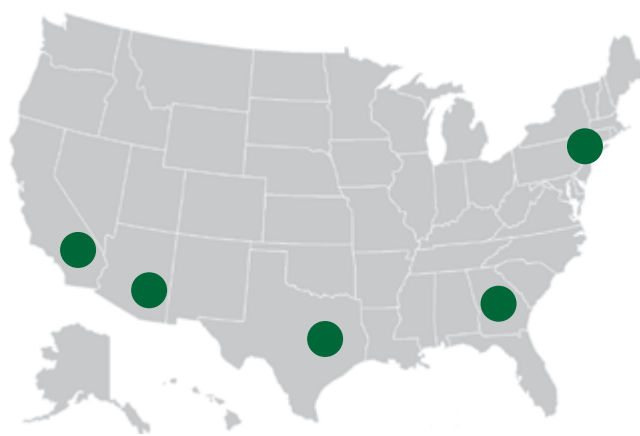
- \$ Restoration costs may be as low as 20% of total tear-off and replacement costs. Restoration may be expensed, while roof replacement must be capitalized. Restoration reduces waste and may be an eligible tax write off.

- \$ With an inspection and survey from our experts, extended warranties are available in 5 and 10 year increments for qualifying roofs.

ERSystems® is a national leader in cool roofing technology and a strong supporter of sustainable and renewable building technologies.

Four ISO 9001: 2008 certified manufacturing facilities in the United States (Irving, TX, Garden Grove, CA, Tucson, AZ, and Rockland, MA) to deliver quality and performance.

ERSystems® is a brand of Illinois Tool Works (NYSE:ITW).
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Truly Flexible System



BUR



SINGLE PLY



SPF



METAL



PROBLEM

High performing systems are too expensive and difficult to apply



SOLUTION

Polyurethane 300 system is cost competitive and easy to apply



RESULT

Great results with less time on the job



AROMATIC BASE COAT (Light Gray)
ALIPHATIC FINISH COAT (Bright White)
Size: 5 GAL. Pail, 55 GAL. Drum