

Unique SMP™ roofing coatings from EPI provide superior strength and waterproofing

Demanding environments require unique SMP™ coatings from Engineered Polymers

Engineered Polymers International, LLC (EPI) offers roofing coatings that provide superior waterproofing through a fully adhered seamless elastomeric barrier made from Silicone Modified Polymers (SMP™). These zero VOC roof coatings have no odor, contain no solvents and comply with world-wide air quality standards.

SMP coatings can replace both hot and cold asphalt roofing. They are perfect for balconies, plazas, roofs and rooftop decks. By adding pea gravel or other material, you can create non-skid walkways. Their waterproof membrane is ideal for under rooftop garden spaces. These coatings provide a seamless, self-flashing, spray applied, renewable roof.

They also offer remarkable strength, flexibility and UV resistance. They can withstand standing water conditions and are resistant to a wide range of chemicals.

Coating for Metal Roofs provide significant savings

Metal roofs are subject to constant movement. Factors that can contribute to this include, wind uplift, high temps, thermo and structural movements as well as rain or snow. This movement, combined with the sun's ultraviolet light, damages the fastener gaskets. Eventually the metal roof will leak at the seams and fasteners.

SMP roof coatings are ideal for metal roof retrofit projects and new metal roofs. These coatings eliminate common problems such as leaks, acid rain corrosion, buckling and thermal shock. Combined with lightweight foam insulation, these coatings have excellent weathering, offer significant thermal insulation and energy cost savings.

Traditional roofing products are not a good match for repairing metal roofs. The selection of the right repair product is critical for extending the life of a metal roof. Selecting the wrong repair product or system can cause more damage than doing nothing.

SMP Roof Coating Benefits

- Potentially apply over existing roof coating.
- Withstands exhausts, fallout from yours or nearby plants
- Resists leaks and seepage from standing water
- Adheres without fasteners. No wind uplift.
- Lightweight with 10-times the puncture resistance of single ply
- Lowers roof temperature adding years of service life
- Withstands thermal movements from solar heating and nighttime cooling.
- Environmentally friendly, no odor, 100% solids and no VOCs
- Adapts to many roof structures.



SMP roof coatings provide superior waterproofing through a full-adhered, seamless and elastomeric barrier. Photos: Crown Fluid Applied Systems



EPI created a single coat, superior aromatic, SMP coating for roofs. It replaces a dual coat system.



**Engineered Polymers
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