



Single-Ply EPDM Coatings Restoration Case Study

This EPDM membrane was approximately ten years old and at the time of the job leaks were random throughout the system. The building owner wanted a coating system to waterproof the roof, to cut down on the heat within the building, and to prevent future degradation of the membrane.

The WeatherStar Coatings approved Dealer cleaned the membrane using our Etching Primer 920, which is specifically designed to clean carbon and dirt off EPDM. The contractor applied the Etching Primer 920 with a garden sprayer then power-washed the roof using 3,000 psi. of pressure. He then began waterproofing the roof by applying our Silicone 410, and polyester fabric on all seams and penetrations that were causing the building owner problems.

After he completed waterproofing the system, the approved Dealer applied two coats of WeatherStar Coatings bright white Silicone 410 to the entire roof area to form a seamless, elastomeric membrane that will last for at least ten years.

Other American WeatherStar top coats suitable for EPDM restoration include Urethane 520 for low sloped roofs that don't drain well or our Acrylic 210 and Acrylic 211 for roofs that drain well. American WeatherStar recommends a moisture survey before installing any of our coating systems to an EPDM rubber roof. If moisture is found, the wet insulation should be replaced before the AWS coating system is applied.

For more information, see the application specifications on this system or call American WeatherStar at 800-771-6643.



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