



# Smooth Built Up Coatings Restoration Case Study

This Smooth Built Up Roof was in the beginning stages of breaking down. At American WeatherStar we don't understand why roofs were ever designed black. A black roof has limited ability to fight the harmful ultraviolet rays the sun puts out every day and in most cases degrades prematurely. To make matters worse, the heat from the black roof ends up in the building causing either increased energy costs or just an extremely hot interior. This building owner contracted our approved Dealer to apply our system on his roof to make it last longer and cool it down.

Before installing our system, the contractor had a moisture survey done on this roof to ensure there was not any wet insulation. If wet insulation is found, it must be replaced before installing our coatings.

After determining the substrate was dry, the Dealer power-washed the roof with more than 3,000 psi to make sure the roof was extremely clean. He then applied one coat of the Fabric Bond 930 to make sure our top coats adhered to the roofing material. Other appropriate primers for a smooth BUR include the AWS Acrylic Bonding Primer 905 and Neoprene 940.

Often times at this point our approved Dealer would begin the waterproofing stage of our system but this roof was caught before the leaks began. In this case the building owner was only using the WeatherStar system for preventative maintenance. So the independent Dealer then sprayed two coats of the Acrylic 210 to form a bright white seamless membrane to make sure his customer's roof will last for years to come.

Other suitable AWS coatings for coating a smooth Built Up Roof include our Acrylic 211 on roofs that drain well or our Butyl 310 and Urethane 520 on roofs that do not drain well.

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



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