



SPOTLIGHT ON EXCELLENCE

Thomas Hospital, Fairhope, AL
by Diversified Solutions

#0003

Diversified Coatings

Job Location: Fairhope, Alabama

Customer: Thomas Hospital

Substrate Specifications: Modified Bitumen

AWS System Installed: Urethane/Silicone Coating System

This 20 year old Modified Bitumen roof at Thomas Hospital in Fairhope, Alabama had reached a point where if it wasn't restored soon, the hospital administration would be forced to fund a complete tear-off of this roof. The hospital had just gone through a major on-campus construction project and the administrators knew something had to be done with this roof.

The American WeatherStar Dealer, Diversified Coatings, also in Fairhope, offered them a solution that would avoid an expensive tear-off. Diversified installed an AWS Urethane base/Silicone top coat system offering the strength of a urethane along with the UV resistance of the AWS Silicone 410.

First the roof was power-washed to ensure adhesion of the AWS Urethane 520 to the substrate. AWS Polyester Fabric was used with the urethane on all seams, penetrations and transitions to make sure the roof would be water-tight. Diversified Coatings then applied the Urethane 520 at a rate of 2 gallons per 100 square feet by spraying with a Graco 833 and also back-rolling the coating to penetrate the asphalt surface.

The final step was to apply a coat of AWS Silicone 410 at a rate of 1.5 gallons per 100 square feet to protect the roof against harmful UV rays and offer the hospital a bright white Energy Star rated coating system.

David Teufel
Diversified Coatings
(251) 990-2643
18791 County Road 27
Fairhope, AL 36532
david@diversifiedcoatings.us
www.diversifiedcoatings.us

An Independent Dealer of
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1-800-771-6643
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Before



Urethane Application



Silicone Top Coat



Silicone Top Coat



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