



Department of Agriculture and Consumer Services Deteriorating roof causes multiple problems

Tallahassee, Florida

Energy Star® coating restores both roof and fire rating

The roof of the Nathan Mayo Building, headquarters of the Florida Department of Agriculture and Consumer Services, was rapidly losing its surface granules. This caused three major problems: the underlying modified asphalt was oxidizing; newly exposed black surfaces increased energy costs; and the facility lost its Class A fire rating because so much of the roof was bare.

The State of Florida faced a potentially expensive re-roofing job until Tremco representative Bob Munshower and Weatherproofing Technologies, Inc. (WTI), Tremco's services division, stepped in with another solution--to restore the roof with Energy Star certified Polarcote FR.

WTI removed the remaining granules, powerwashed the membrane, and primed it with TremPrime W.B. They then rolled white Polarcote FR over the 160 square area. Polarcote FR is a fire retardant, styrenated acrylic latex roof coating that is highly reflective, elastomeric and asbestos free. Easy to apply, it forms a watertight shield over the roof. Its fire-resistance restored the roof surface's fire-rating back to Class A status. Polarcote FR reduces roof surface temperatures, thereby lowering air conditioning loads and reducing energy costs. Use of this roofing system will help the agency meet a new State of Florida mandate that its agencies cut energy consumption by 5% annually over the next five years. Perhaps most importantly, using Polarcote FR fully restored the roof rather than forcing the agency into a costly and premature tear-off and replacement--a prime example of Tremco's and WTI's focus on doing what is right for the customer. The agency received a five year warranty on Tremco materials.



Polarcote FR

- Energy Star certified
- Acrylic latex roof coating used as a final surface coat over smooth asphalt emulsions, flashings and modified bitumen membranes
- Reflects solar radiation to lower surface temperature and slow the roof aging process
- Can help reduce energy costs
- Increases a roof's fire resistance and rating
- Excellent waterproofing characteristics

5 Year Material Warranty

- All Tremco material supplied for this job will be free of defects for five years or we will replace it free of charge during this time period
- Begins on the date that the roofing job is completed

Contractor:

Weatherproofing Technologies, Inc.
(Tremco's service division)
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