



## Hotel / Resort Restoration

### The Ritz-Carlton, Amelia Island, FL

## Modified Roof Restoration

This project was the restoration of a 15 year old modified roof with Thermo Manufacturing's Acrylic Coating System at The Ritz-Carlton, Amelia Island, FL.

Though the roof had no major leaks, it was not in the budget for replacement for a few more years, so it was decided a restoration system was the best option for extending the life of the current modified roof.

Upon completion of cleaning the roof with Thermo's biodegradable cleaner, all seams of the modified roof were stripped-in using modified emulsion and 6" fabric set in the emulsion. The roof was then given a coat of emulsion at 3 gallons per 100 square feet as a base coat.

The roof was then given 2 coats of Thermo Super Prep coating at a rate of 1 gallon per square per coat.

The ponding water areas and areas around the drains were treated with a coat of Thermo's



Naturalflex Soybean Oil coating for protection from standing water.

The backbone of this system is the modified emulsion. The long-term characteristics of this product make it ideal for the base of a restoration project. All seams of the roof are treated with emulsion brushed onto the roof and while wet, setting a 6" polyester fabric in the emulsion. The polyester is then covered with another brush coat of emulsion. The entire roof is then given a coat

of emulsion at 3 or more gallons per square to completely seal the roof and prevent asphalt bleed-thru to the protective coating.



Stripping in field seams

**Restoration Specialists**

**Thermoplastic Roofing Systems**

**Modified Roofing Systems**

**Spray Polyurethane Foam Roofing Systems**

**Epoxy Injections**

**Wall Sealants & Waterproofing**

**Window Glazing & Caulking**

**Deck Coatings**

**EIFS Repairs**

**Wall Coatings**

**Planter Restoration**



Stripping of seams with Emulsion.



Stripping of corners with Emulsion



Completed fan unit



Coating of detail areas



Overall first coat field view



Painting units to match roof



Coating termination at wall



Overall finished field view