

CASE STUDY

PROJECT	Jamaica Royal
LOCATION	Long Boat Key, Florida
A/E/C	Karins Engineering
CONTRACTOR	RL James
PRODUCT(S)	Decothane SP, Isoclad

PROBLEM

The balcony decks of the Jamaica Royal condominium complex were in much need of repair and an effective waterproofing solution. The original waterproofing material used for the decks had failed and water infiltration was degrading the balcony deck surfaces. In addition, the bar joists and metal pans located beneath the balcony decks had begun to corrode making it necessary to repair the damaged areas and to further coat them with a long term protective membrane.



SOLUTION

A special combination of Liquid Plastics' products provided the long term solution for Jamaica Royal. **Decothane SP** was chosen as part of the solution based upon its dynamic performance capabilities and the 20 year warranty that Liquid Plastics provided. Surface preparation of the balcony consisted of the removal of the old dilapidated coating and the resloping of the balcony decks and walkways. An embedment coat of **Decothane SP** was rolled onto the surface and was then reinforced with **Reemat Premium**, a conformable random woven fiberglass scrim. A top coat of **Decothane SP** completed the application to provide an outstanding long term waterproofing solution. The bar joists and metal pans required a separate approach. These surfaces were first sandblasted to an SSPC-SP6 Commercial Blast Cleaned Condition. After, they were coated with Liquid Plastics' **Aqueous Metal Primer** and then top coated with two coats of **Isoclad**, an anti-corrosive protective membrane.



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