

Louisiana State Capital Case Study - Waterproofing

*Fast curing, impact resistant water barrier system
designed to protect substrates from water damage.*



CUSTOMER

Louisiana State Capital Building
Observation Balconies & Decks
Baton Rouge, LA
2000

PROJECT TEAM

EcoSeal, LLC. – Subcontractor - Landry

PROJECT OVERVIEW

In 2000, the Louisiana State Capital building in Baton Rouge, LA, was experiencing water infiltration into the building through its upper observation decks. As often happens, when the grout in tiled surfaces deteriorates to the point at which water begins to intrude, the substrate below also begins to break down and leak. In order to stop subsequent water damage, the tile on the deck was removed and then the ES 100 Waterproofing System was applied to the substrate. After curing, new tile was installed directly on top of the ES 100 System. Not only did the ES 100 System stop the water from leaking and further damaging the substrate, but it also acted as a noise-dampening agent as visitors walked on the tile. Ease of application, along with minimal intrusion and subsequent workflow interruption, were also important factors in selecting the ES 100 Waterproofing System.

CONSIDERATIONS

Waterproofing: The ES 100 Waterproofing System was utilized to eliminate the continuing problems associated with the leaking tile covered walk way on the top of the building. ES 100's elastomeric, adhesion, and UV properties were ideal to protect the building's substrate and infrastructure from future water intrusion. The fact that the membrane forms instantly upon contact with the substrate, following all contours, is touch-dry in minutes and achieves complete chemical cure in 24 to 48 hours was another critical benefit from this system.

SYSTEM PRODUCTS

ES 100: Polymer-modified elastomeric system that is specifically formulated for long-term water barrier protection. ES 100 forms resilient, puncture-resistant, waterproof membrane on most any substrate.