



SHIELD SYSTEMS, INC.

Moisture Protection Specialties

Project Name: Plaza In Clayton
Owner: THF Realty
Address: 150 Cardondelet Place
Clayton, MO 63105
Phone: 314-862-1023
Installation: 2003
Materials: Strongcote SC113
Traffic Membrane
Preparation: Shot Blast
Application: Squeegee/Broom

This 350,000 square foot interior covered garage provides parking for the prestigious office and residential high rises. The owner and developer were looking to provide long term protection against moisture and chloride intrusion. Shortly after construction, it was determined that shallow rebar cover, coupled with random hairline cracking, would require a membrane coating. Hairline cracks were addressed and Strongcote traffic membrane was chosen to provide such protection. Several urethane systems were evaluated by two separate consulting engineering firms and Strongcote was chosen due to breath-ability, wear-ability, zero VOC/odorless quality as well as fast cure and turn around minimizing disruption to the reserved parking.



Crack Treatment Using EM-100N



Placing SC-113



Finished System