



SHIELD SYSTEMS, INC.

Moisture Protection Specialties

Project Name: Kelly Real Estate
Owner: Mr. Dallas Snodgrass
Building Manager
Address: 12444 Powercourt Drive
St. Louis, MO 63131
Phone: 314-965-6400
Installation: 1999-2002
Materials: Strongcrete SW-83
Strongcote SC112/113
Traffic Membrane
Preparation: Shot Blast
Application: Squeegee/Back Roll



Using SW-83 As A Base Coat



Finished Strongcote System

This 1,000,000 square foot, exposed deck encountered severe spalling shortly after construction. As a result chloride damage quickly aggravated the condition of the deck. To provide a uniform finish and protect the deck against water damage and further salt intrusion the rough areas of the concrete were coated with SW-83 repair mortar then the entire deck was treated with SC-112/113 traffic coating. Strongcote was chosen because of its high build "masking" ability as well as the Migratory Corrosion Inhibitor that would combat the high chloride reading detected prior to repair work.