



# SHIELD SYSTEMS, INC.

Moisture Protection Specialties

**Project Name:** Lambert Airport Arrival Ramp  
**Owner:** Lambert Airport  
**Address:** 10701 Lambert International Airport  
St. Louis, MO 63145  
**Installation:** 2004  
**Materials:** SW-81 Repair Mortar  
Strongcote SC112/113  
Heavy Duty Traffic Membrane  
**Preparation:** Hydro-Demolition & Powerwash  
**Application:** Squeegee/Broom Finish

The passenger arrival ramp receives heavy shuttle and automobile traffic almost 24 hours a day. A 3M deck coating had been used in the past and showed little resistance to heavy traffic after a short time. Strongcote was selected in an effort to provide better long term wear resistance. After removal of the existing 3M urethane, the Strongcote was installed in three lifts totaling over 123 mils. Extensive repair work was first performed on delaminated concrete using over 200 cubic feet of SW-81 Repair Mortar.



Typical Patch Area



Placing SW-81 Repair Mortar



Before And After Patching And Coating



Finish System SC-113 Heavy Duty