



# SHIELD SYSTEMS, INC.

Moisture Protection Specialties

**Project Name:** St. Luke's Hospital East Garage  
**Owner:** St. Luke's Hospital  
**Address:** 232 South Woods Mill Road  
Chesterfield, MO 63017  
**Phone:** 314-434-1500  
**Installation:** 2002  
**Materials:** Strongcote SC113  
Heavy Duty Traffic Membrane  
**Preparation:** High Pressure Water Blast  
**Application:** Squeegee/Back Roll



Detailing Cracks Using EM-100N



Installed System

This new parking garage experienced hairline cracking on a portion of the deck due to adverse weather during the concrete pour. As a remedy, it was recommended that the hairline cracks be epoxy injected then the entire 8,500 square foot area be coated with SC-113 Heavy Duty. All hairline cracks were treated first with EM-100 membrane then coated with the Strongcote system. The entire area was treated with two coats of Strongcote the same day and opened to traffic the next.