



## Project Profile



# EPS Geofoam Louis Armstrong New Orleans Int'l Airport 2005



### R-Control Perform Guard EPS Geofoam

The New Orleans Airport East/West Runway's nine month, \$64 million rehabilitation project included the removal of some existing pavement, repair and replacement of damaged/deteriorated pavement sections, and the installation of a new concrete overlay. R-Control Perform Guard® EPS Geofoam was selected as a light weight engineered fill material.

- ◆ EPS Geofoam was utilized to mitigate differential settlements of existing pavements that were not performing well, and to mitigate potential differential settlement at the interface between new and existing pavements.
- ◆ EPS Geofoam was used under the newly widened sections of the taxiway fillets to accommodate 747-400 aircraft turning radius.
- ◆ EPS Geofoam was utilized for settlement mitigation as part of a new taxiway connector constructed on virgin soils.



R-Control Perform Guard EPS Geofoam solved another problem at the New Orleans Airport site: potential termite damage to the Geofoam. The soils at the site are filled with tree stumps and roots, a good source of nutrition for subterranean termites. R-Control Perform Guard EPS Geofoam is treated with an EPA Registered additive that prevents the potential for significant infestation of the Geofoam.

Note: R-Control Perform Guard termite resistant EPS Geofoam has been used on two early phases of construction at the Louis Armstrong New Orleans Int'l Airport dating back to 1995.



Tree stumps and roots in soil at New Orleans airport site.

To learn more about



Geotechnical  
Systems and



please visit

[www.geofoam.com](http://www.geofoam.com)

### Quick Facts

**16 psi (@ 1% compressive resistance)**

**Qty: 220 truckloads**

**Contractor: Boh Brothers**

**Installer: Phylway Construction**

**Engineer: Volkert & Associates**

**Program Manager: Parsons Aviation LA**