



## AP Lift 475 Material Warranty and Certification

Alchatek warrants this product to be free from manufacturer's defects and to meet all published properties on current Technical Data Sheet for a period of one year if used according to published instructions and within the shelf life. The user is responsible for determining suitability for intended use and assumes all risk. No other warranties expressed or implied shall apply including any warranty of merchantability or fitness for a particular purpose. Purchaser's sole remedy is limited to the purchase price or product replacement exclusive of cost of labor or other materials.

### **Material Certification – for FDOT TSP 173**

Alchatek certifies that AP Lift 475 will perform according to specification as a two-component, high strength, high density, hydro insensitive structural polyurethane foam. The material is designed for stabilizing soil, lifting concrete slabs, filling voids, and supplemental sinkhole remediation. AP Lift 475 has an unconfined density of approximately 4.75 to 5 lbs/cubic foot (72 to 80 kg/cubic meter) and exhibits high strength, low viscosity, and the ability to work in wet environments. The product bonds with soil and concrete, is traffic ready in 15 minutes, has a closed cell structure, and is certified by ALS Global to NSF/ANSI/CAN 61 for contact with drinking water. The material meets the published technical specifications, including compressive strength of 100 p.s.i. (ASTM D-1621), tensile strength of 100 p.s.i (ASTM D-638), and negligible shrinkage (ASTM D-1042/D-756).