

Ramaz Middle School – Sidewalk Lift

New York, NY



Project Challenges	Solution	Support	Outcome
<ul style="list-style-type: none"> • There was over 75' of settled joint in the sidewalk slab causing a trip hazard. • School building was fully occupied, and operated 7 days a week. • Previous attempts to replace the slabs and diamond grind the opposite joint was unsuccessful. 	<ul style="list-style-type: none"> • Ground Works injected a lightweight, structural grade geo-polymer via the URETEK Method. • The crew was able to match the slab joints using a controlled injection process. • A flexible layer of material was left in the joint to prevent further water seepage that allowed for thermal expansion. 	<ul style="list-style-type: none"> • URETEK was involved with the pre-construction design process to develop injection plans, specs, and estimates • Building Superintendent verified all injection applications and slab lifting. • Parking, security and safety staff was provide by the School Administration. 	<ul style="list-style-type: none"> • Minimal intrusion: Work performed in one day as requested by the School Principal. No classroom shutdowns necessary. • All slabs were lifted to level as verified by the Superintendent. • All trip hazards were repaired.