

Armstrong World Industries

Pensacola, FL



Project Challenges	Solution	Support	Outcome
<ul style="list-style-type: none"> Stabilize sub-soils that consist of dry to very dry sands and sands with silt. Stabilize soils to -7.5' with SPT N values of approximately 6 blows/ft. Void-fill and underseal 7" slab supporting dryer assembly. 	<ul style="list-style-type: none"> Utilize multiple injection points to underseal the slab, void fill and restore load bearing capacity. Utilize The URETEK Method and The Deep Injection® Process throughout the problem area in order to solve multiple isolated problems. 	<ul style="list-style-type: none"> Self designed solution based on multiple onsite visits and Geotechnical findings by Geotechnical Engineering Testing Inc. During installation, monitored the injection process through laser equipment monitoring 1/16 inch at a time. GPRS identified rebar and voids. 	<ul style="list-style-type: none"> Minimal intrusion: Completed work over weekend during scheduled maintenance downtime with no interruptions to customer's operations Customer Satisfaction: stabilized and filled voids under budget to standards that helped exceed customer expectations.