



CASE HISTORY

Jean's Waterproofing (JW) mobilized to Bronx School of Science located in New York City to repair a leaking combination patio deck/roof. The School Construction Authority (SCA) requested JW to correct this issue as soon as possible, as water was leaking into the school's cafeteria. The construction of the combination patio/roof was 6" concrete architectural pavers placed over a rubber membrane, which was placed atop 12" of reinforced concrete. Apparently the rubber membrane was damaged.

JW proposed to the SCA, the use of BBZ Duro-Soil to be injected between the membrane and pavers, creating a leak proof membrane. JW proceeded with this emergency work during non-school hours. The general area of leakage was identified and JW began the injection process in one corner and proceeded to the adjacent injection ports after seeing material flow into the injection port.

After 3 nights of injection, the Bronx School of Science cafeteria was able to be in full operation. During this project, JW was requested to stop leakage at an expansion joint located between the patio deck and building. JW placed injection ports in precise locations, allowing the BBZ Duro- Soil to flow through the expansion joint cell structure. The continuous flexibility of the BBZ Duro- Soil will allow the expansion joint to move with ambient changes.

Project: Bronx School of Science

New York City, New York

Owner: New York School Authority

Injection

System: BBZ Duro-Soil

Completed: March 2000



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