

41 Morton Street

Jamaica Plain, Massachusetts

CONTRACTOR – JW Masonry, Pawtucket, RI

DISTRIBUTOR – Garvin Construction Products, Charlestown, MA

**Concrete Repair
Protective Coatings
Summer 2006
– Summer 2007**

PROJECT TASK

Prevent water entry through voids and cracks in exterior brickwork walls.

PROJECT SOLUTION

Apply a filler coat of cementitious slurry, followed by two coats of elastomeric coating.

PRODUCTS

Conpro One Shot 2C
Conpro Lastic



Top three and bottom left photographs were taken "before and during" and the bottom center and right were taken "after" the work was completed.



PROJECT HISTORY

41 Morton Street sits at the intersection of three historic parklands. The Arnold Arboretum and Franklin Park were both designed by famed landscape architect Frederick Law Olmsted. They represent the largest tracts in the "Emerald Necklace", a series of parks and waterways stretching through Boston. The third parkland is Forest Hills Cemetery, a 275 acre historic site featuring expansive Victorian gardens.

Unfortunately, the outdoors were making an unexpected and unwelcome entrance into the building's interior. This condominium building was suffering from water entry through the exterior masonry walls. The walls are composed of multiple wythes of brickwork. The bricks are a variegated range, with vertical "comb mark" striations. A consulting engineer advised that a clear water repellent would be ineffective, due to the considerable number of cracks and voids in the wall. Conproco recommended a filler coat of cementitious slurry,

Conpro One Shot 2C, to fill cracks and voids and form an even, watertight surface. The One Shot 2C was applied with a sponge float and worked into the substrate.

Following an adequate cure, two coats of elastomeric coating, Conpro Lastic, were applied with heavy-nap 1 inch rollers. Two coats of Lastic provided the building with a flexible, breathable, waterproof membrane. The condominium owners were pleased with the new, clean look, and the building now blends seamlessly with its surroundings.