

John P. Holland School

Dorchester, Massachusetts

CONTRACTOR – W. T. Rich Co., Inc., Newton, MA

ENGINEER – Wiss, Janney, Elstner Associates, Inc., Cambridge, MA

DISTRIBUTOR – Waldo Bros., Boston, MA

Protective Coatings

Spring 2005

– Fall 2005

PROJECT TASK

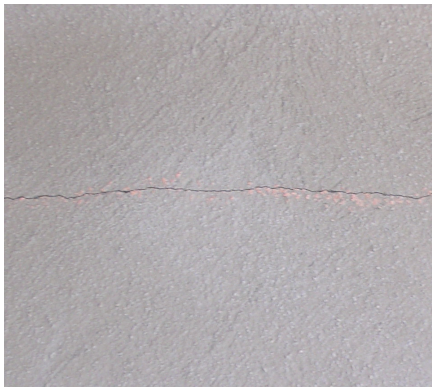
Waterproof and coat a stucco wall system covered in spider cracks.

PROJECT SOLUTION

Use a crack bridging elastomeric coating.

PRODUCTS

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

Holland Elementary School was in dire need of help when a 20 million dollar improvement project was approved. Various classes shared large rooms, exterior windows were too high and painted over, and the building was viewed by the community as an ugly concrete box.

The renovation plan included new classroom and outdoor space. The new design concept called for the exterior walls and windows to be removed and replaced. All of the spaces would be child friendly and extremely colorful.

In 2004, metal panels covered with 1" of field mixed stucco were installed on the new exterior. As is common with such mixes, spider cracking began appearing throughout the facade. Testing conducted by the engineer determined that the cracking was not due to structural reasons. Striking each crack before applying a finish coat would have been extremely expensive and labor intensive. Conpro Lastic offered an ideal alternative. Three 15 mils coats of Lastic were applied. Lastic not only bridged minor cracking, it provided

a waterproof membrane. Bright shades of Lastic were custom color matched, and Lastic's exterior grade pigmentation ensures that those colors will stay vibrant for years.

Upon seeing the improvements, one first grade teacher broke down in tears, confessing that she hadn't realized how badly maintained the school had been. When Principal Michelle O'Connell saw the final results, she had only one thing to say, "I feel like I won the lottery."