conproco® CORPORATION

World Trade Center

Boston, Massachusetts

ENGINEERS – Edwards & Kelsey Engineers, Boston, MA
CONTRACTOR – NER Construction, Wilmington, MA

Concrete Repair and Protection
Fall 2000 – Summer 2001

PROJECT TASK

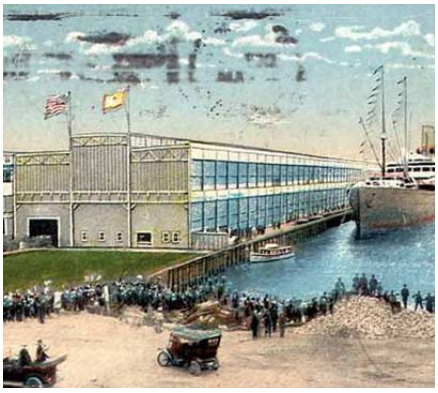
Repair the physical damage to the EIFS cladding, plus waterproof and restore appearance.

PROJECT SOLUTION

Conpro Base and Conpro Flex were used to repair the cladding. Two coats of Conpro Lastic were applied to provide a waterproof membrane and monolithic finish.

PRODUCTS

Conpro Base
Conpro Flex
Conpro Lastic



Top left shows a postcard from the turn of the century, the remaining top photographs were taken "during", while the bottom were taken after the work was completed.

PROJECT HISTORY

Commonwealth Pier, one of the largest of its time, was at the heart of the vibrant Boston Harbor trading community around the turn of the century.
By the early 1970's the once proud structure was in serious disrepair.
In 1975, extensive renovations began on the Commonwealth Pier.
The timber-pile-supported pier had to be stabilized using cellular concrete.
The entire façade was clad with EIFS.

The name was then changed to the World Trade Center, and the landmark structure began a new life as an 800,000 square foot premier conference, exhibition center and office complex.

By 1999, after two decades of harsh New England winters the façade was again showing signs of distress. Edwards & Kelsey were retained by the owners to evaluate the structure and developed a repair strategy to extend the functional life and update the appearance of this historical structure.

There was significant damage to the exterior cladding and water entry had become a serious concern.
The engineer, contractor and Conproco worked together to develop and implement a repair and protection program that is performing without flaws.

Today, this old commercial pier looks right at home in the upscale environment that has become the Boston Harbor front.

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