



Martin A. Benassi, AIA  
Architect LLC

## 505 Hudson Street Hartford, CT

### Exterior Envelope Repairs



The 10-story steel-framed building is clad with a glass curtain wall and prefabricated panels of a thin-brick composite. The panels provide the illusion of a full brick veneer at a fraction of the cost and weight.

Active leaks were occurring along the window heads on the ninth and tenth floors, south and west elevations, most noticeably during a nor'easter. A local contractor reinstalled sealant around the building's exterior facade, which was unsuccessful in stopping the leaks.

**Martin A. Benassi, AIA - Architect LLC** was initially retained to evaluate the existing exterior facade conditions and submit recommendations for repair. Swing staging was used for an up-close examination of the exterior. Numerous defects were found in the sealant joints between the prefabricated panels and at the perimeter of the glass curtain wall.

As a result of the survey findings, our services were extended to include Contract Documents covering the replacement of all sealant and adding missing flashing at the curtain walls, as well as partial roof replacement of the three roofs with an EPDM membrane.

