



Case Study: Wet Sealing Metal to Glass Joints at Main St. Tower- Norfolk, VA

Completed: February 2013



Challenge:

To correct numerous water infiltration problems in a 20+ year old, 14 story glass & metal curtain structure. Strict budget constraints, limited access and multi-faceted elevations in a busy downtown environment where repairs cannot impede the daily business operations.

Solution:

To ease the capital expenditure, a 5-year timeline was established to perform the repairs in phases while meeting the need to correct critical areas and tenant concerns. Custom made roof top davits were sourced to access portions of the building previously un-accessible do to budget cuts during construction. Custom silicone boots were made to correct design flaws that would have required partial system replacement. New high performance joint sealants added protection where old building materials had failed. The resulting remediation allowed the building owner to make the needed repairs, preventing future damage while staying within budgeted timelines and costs.