

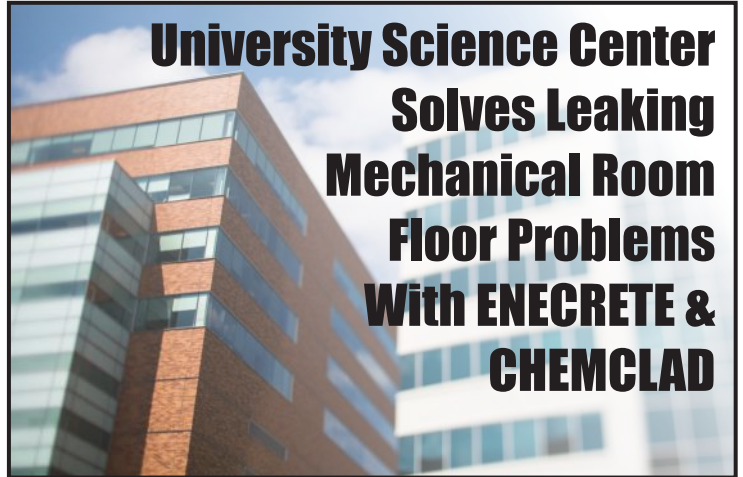
At this urban university science center building, a 7th floor mechanical room was experiencing flooding due to an insufficient drainage system. The flooding was leaking down to the floor below, causing damage to the offices on that floor. The structural I-beam bases were corroding and losing their fire retardant coating.

The building's engineers needed a more cost effective solution than replacing the entire drainage system for this 20 story building. ENECON was contacted

to design and implement a repair and protection solution.

After the entire surface was cleaned and loose material was removed, angle iron was used to create a small containment area near the drain that was prone to flooding. It was first bolted then METALCLAD DurAlloy was used to create a water tight bond to the floor.

Two coats of CHEMCLAD SC were applied to the entire containment area and the base of the I-beams. CHEMCLAD SC in safety



University Science Center Solves Leaking Mechanical Room Floor Problems With ENECRETE & CHEMCLAD

yellow was also used on the angle iron to prevent tripping.

This job took 2 days and cost approximately \$8,000. Much less than a new drainage system.



6 Platinum Court • Medford, NY 11763
Toll Free: 888-4-ENECON® (888-436-3266) • Phone: 516-349-0022 • Fax: 516-349-5522
www.enecon.com • info@enecon.com