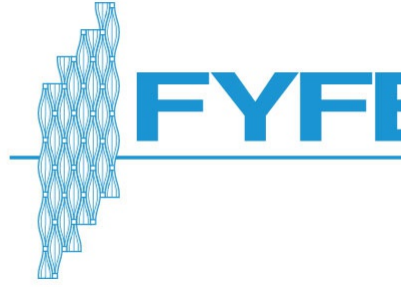




AEGION®

Stronger. Safer. Infrastructure.®



Drake Library Slab Strengthening

The replacement of a roof at The College at Brockport in the State of New York imposed additional loads that were unforeseen in the original design. The roof slab had to be strengthened in the positive, negative and moment areas.

Due to the conditions on the roof and the space requirements for building up the new roofing membrane, the only logical solution was to apply the Tyfo® Fibrwrap® system to the concrete slab. This solution did not impact the roofing membrane, nor did it impact the interior of the library. Tyfo® UC Strips that were 4-inches wide and 0.055" thick were applied at various locations around the roof. Fibrwrap Construction also performed some crack injection.