

PROJECT:
Crawlspace Encapsulation

LOCATION:
Chicago, IL - Michigan Ave

APPLICATOR:
ABC Crawlspace.com

SYSTEM:
Nu-Crawl Encapsulation System using Polyshield HT™ 100F over woven geotextile

TOTAL AREA:
4000 sq ft

COMPLETION DATE:
April 2016

PROBLEM:

The owner was in search of a permanent method to stop moisture entry and improve air quality beneath a 4000 square foot section of a commercial building in Chicago's South Loop District. The large nonconforming space was divided into two long 130 foot crawlspaces with a brick foundation, and a dividing stone interior foundation. The ground consisted mostly of multiple layers of broken concrete and dust, posing a significant problem if the owner was to have chosen a conventional, outdated systems (plastic sheets and taped seams). High performance Nu-Crawl Liners are unlikely to puncture or fail at liner unions.

SOLUTION:

The Nu-Crawl System using Polyshield HT™ 100F sprayed over geotextile formed a nearly invincible seamless liner. Because of

its unique ability to be sprayed to itself and re-join at a molecular level, polyurea liners are made to become a monolithic, continuous and extremely rugged liner. Sprayed on-site, the liners permanently bond to all footings, foundations and around pipes or other penetrations. Fast set times of less than 2 minutes allowed crews to move freely across newly sprayed area as needed. Nu-Crawl Liners are indoor safe because they are 100% solids, with no VOCs or solvents.

RESULTS:

The Nu-Crawl System was installed to create a solid line of defense against the hidden health hazards of the unsealed crawlspace. As a sprayed, high performance polymer, the monolithic vapor barrier delivered as promised - a Perfect Seal, with Permanent Results.

