

INDUSTRIAL CASE STUDY

CONCRETE FOUNTAIN



SITUATION

A popular public fountain designed by a Swedish sculptor and glass artist underwent a recent structural refurbishment. The fountain's six-by-seven-meter concrete floor needed a more durable waterproof barrier.

The fountain, built around 1970, has been susceptible to water ingress and weather corrosion. A new waterproofing solution was needed to ensure the work of art continues to stand for years to come.



SOLUTION

A LINE-X spray-on polyurea coating was the ideal choice to repair and enhance the fountain's concrete floor. As a spray-on coating, LINE-X can be applied consistently, with no seams or gaps.

The existing concrete was cleaned and remedial works were carried out prior to the LINE-X application. The surface was then ground and a LINE-X approved primer was applied to ensure good adhesion. LINE-X applicators selected a pure polyurea coating, LINE-X XS-310, which is extremely resistant to moisture. The coating also has a longer gel time, 10-12 seconds, which allows it to achieve a smooth, attractive finish. LINE-X XS-310 was applied at 3mm thick to ensure a high level of durability and waterproof seal.



RESULTS

The customer was extremely satisfied with the LINE-X application. The LINE-X application was completed in the spring of 2016 and the waterproof membrane has held up considerably well against seasonal weather and corrosion.

PROJECT OVERVIEW: Waterproof Membrane for A Concrete Fountain

PRODUCTS USED: LINE-X XS-310; LINE-X Approved Primer



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