

CASE STUDY ::> TARGET APPLICATION

Commercial Foundation Waterproofing



THE SITUATION

Concrete is extremely susceptible to water damage. Because concrete is porous, water can easily permeate a building's foundation causing damage. The best way to prevent water from penetrating concrete is to seal any pores and cracks with a waterproof membrane on the outside of the foundation.

There are many applications on the market today, usually asphalt-based, that are either sprayed or hand applied to the outside of a wall. While they may seal small cracks they do not seal larger cracks or holes left by form ties. These coatings become brittle with age and crack as the foundation settles.

Real waterproofing keeps out all moisture and must perform well in three critical areas to be effective: It should fill pores and stretch with the settling foundation, be able to withstand water under hydrostatic pressure and stop water vapor transmission.

THE SOLUTION

LINE-X was chosen as an effective waterproofing solution because of its tough and elastic qualities. A specialized LINE-X coating, XS-350, with high elasticity, moisture insensitivity and exceptional physical properties is ideal for this application.

Applying XS-350 forms a single waterproofing barrier and is a unique formulation designed to seal small cracks that could allow water to seep past lesser materials. Notably, the high elasticity of XS-350 allows it to adjust to a settling foundation without cracking – essential to waterproofing a foundation.

THE RESULTS

LINE-X takes pride in developing specialized protective coatings to meet virtually any demand. XS-350 is a versatile coating that is engineered to meet all three characteristics of an effective waterproofing solution while providing the same toughness and elastic qualities that exemplify the LINE-X brand.

The owner was absolutely delighted with the results of the LINE-X application. Thanks to the LINE-X waterproofing application, the company can better protect its investment, maintain a professional atmosphere and provide a safe environment for employees.

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