



## Project Report

### Below Grade - Factory

**Project:** This project is a factory that used Crystal Admix HD for all the below grade concrete including a parking garage. The project included Crystal Admix HD to waterproof a total of 13,500 m<sup>3</sup> of concrete.



**Purpose For Application:** To provide protection to the reinforcing steel and to prevent ground water ingress within the structure.

**Products Applied:** Crystal Admix HD,

**Reason for Choice:** The companies first factory was waterproofed with modified membrane in the below grade

and was plagued by many leaks. The irritated owner turned to the expertise of a well-respected and above-average research oriented professional, who, in turn, turned to the Crystal Admix HD.

**Application Methods:** Some Crystal Admix HD was added to the ready mix trucks at the site as a waterproofing admixture. The concrete mix design included slag cement and did result in a retarded set time, however the delay in setting time still proved more productive than application of membrane systems.

**Location:** Lebanon