



XYPEX PROTECTS CONCRETE AGAINST **HIGH WATER TABLE**

Specified for Concrete Protection

When the office space called 409 and 499 Illinois was planned for San Francisco's Mission Bay area, it faced considerable waterproofing challenges. Two six-story towers were to be constructed over a three-level subterranean parking garage that was adjacent to a filled-in turn-of-the-century shipping channel that provided a water infiltration conduit from the bay to the garage. With a high water table at 8 feet below grade, the possibility of saltwater attack, and a garage design calling for two parking levels at 30-ft below grade, developers faced a serious waterproofing problem.

Aware of the reliable performance of Xypex Crystalline Technology in resisting both extreme hydrostatic pressure and saltwater attack, project engineer Simpson Gumpertz & Heger and designer Dowler-Gruman Architects specified Xypex Admix C-1000 NF to waterproof and protect the below-grade slabs and perimeter walls. Cemex, the project's ready-mix supplier, blended Xypex Admix into the concrete mix at the time of batching and worked closely with Xypex to achieve a 15-hour, problem-free continuous pour of over 8000 cu yd.



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