



The Conference Center

Salt Lake City, UT

Owner

Church of Jesus Christ of Latter-day Saints

Architect

Zimmer Gunsul Frasca Partnership

General Contractor

Legacy Constructors, a joint venture formed by Jacobsen, Layton and Oakland

Hydrotech Applicators

Utah Tile & Roofing
Redd Roofing

Year Completed

2000

Waterproofing/Roofing Area

200,000 SF Waterproofing
70,000 SF Garden Roof® Assembly

Hydrotech Products

Monolithic Membrane 6125®
STYROFOAM® Insulation (supplied)
Hydroflex® RB
Hydrodrain®
Moisture Retention/Drainage Panels

From the start, The Conference Center was a massive undertaking — an immense auditorium with over 21,000 seats. Needless to say, the time and collaborative effort required to complete the project, situated on a ten-acre site in downtown Salt Lake City, were well above average.

As was the impact of August 11, 1999. Though it seemed like a regular Wednesday, with 1,000 workers on site, a tornado swept through the area within minutes, taking down a tower-crane and hurling debris at furious speeds. That only four people were injured, and none seriously, is fortunate indeed.

Remarkably, that memorable August day left the project relatively in tact, including the structure's most unique feature — a 70,000 square foot rooftop meadow.

Given the intended longevity of The Conference Center, this landscaped roof was designed cautiously. An intense system evaluation led to Hydrotech's Garden Roof® Assembly. With the system's efficient water retention and drainage capacity, as well as MM6125® waterproofing, Hydrotech was the single-source solution to a plethora of lofty expectations and challenging details.

In fact, the product's performance was so exceptional, MM6125 was also applied to the 100,000 SF roof area adjacent to the meadow, and to the 100,000 SF of below-grade vertical walls.



American Hydrotech, Inc.
303 E Ohio Street, Chicago, IL 60611
800.877.6125
312.661.0731 (fax)

Hydrotech Membrane Corporation
10,951 Parkway, Ville D'Anjou
Quebec, H1J 1S1
800.361.8924; 514.354.6649 (fax)

www.hydrotechusa.com

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