

csexpansionjointcovers

Project Information

Project:

The Cathedral of Christ the Light

Location:

Oakland, CA

Architect:

Skidmore, Owings & Merrill (SOM)

Product:

XLS Exterior Wall Cover
& SSR Exterior Floor Cover



The CS SSR-600 is a Cradle to Cradle: Silver Certified product.

Project Overview

The Cathedral of Christ the Light is a 224,000 sq ft complex boasting more than 1,000 panes of glass. Located 4.7 km from the Hayward Fault and 25 km from the San Andreas Fault, this 12-story high oval cathedral is expected to have a 300-year building life and survive a 1000-year earthquake similar to the great San Francisco earthquake of 1906. Charged with accomplishing all this on an active fault line, SOM designed the building on 36 double concave friction pendulum isolators with a surrounding trench that allows for over 30" of horizontal movement in addition to allowing for vertical movement.

CS's XLS Series and SSR Series expansion joint covers, hidden by inseting the surrounding finish materials, were utilized in this unique moat design. Both models are able to span the 33" moat while accommodating the movement and aesthetic requirements for this Oakland cathedral.



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