

Sika at Work



Smithsonian- Robert and Arlene Kogod Courtyard, Washington, DC

Curtain Wall, Skylight Solution



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Project Description and Requirements

The historic building complex of the former U.S. Patent Office Building in the heart of Washington DC is nowadays used as a museum. In the course of refurbishment the inner court was provided with a roof. The scope of delivery included the whole roof construction with steel columns, glazing and acoustic cladding. The curved roof construction with an area of approximately 39 x 84 m consists of welded and distorted steel columns, up to one meter high. Delivery was made of prefabricated units of different sizes, approximately 4.0 x 10.0 m structurally glazed in separately supplied aluminium frames. The butt joints of the individual glass units were sealed on site. The inner area of the steel construction was provided with an acoustic cladding made of aluminium tubes.

Sika Solution

In the current wall facade, **Sikasil® SG-500 CN** was used as the structural glazing adhesive, **SikaMembran®** was used to provide vapor control layers and waterproof barriers and **Sikaflex® TS Plus N** for sealing the overlap joints of the membrane. **Sikasil® WS-605** was used for weathersealing.

Sika Products

Sikasil® SG-500 CN
Sikasil® WS-605
SikaMembran®
Sikaflex® TS Plus

Project Participants

Project Name and Location: Smithsonian - Robert and Arlene Kogod Courtyard

Architect: Architect and General Foster & Partners, London

Facade Consultant: Emmer Pfenninger Partner AG, Switzerland

Roof/Skylight: Josef Gartner

Project Finished: 2007

Sika Industry

30800 Stephenson Hwy
Madison Heights, MI 48071
Telephone: 248-577-0020
Fax: 248-577-0810

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