



Ventilated rainscreen cladding

Museum of Islamic Art, Doha-Qatar

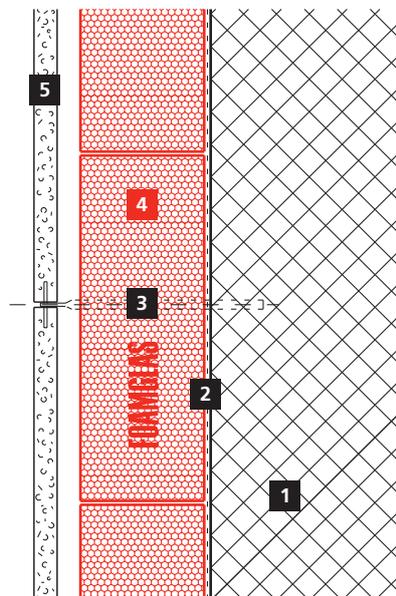
Architect I.M. Pei

Construction 2007

FOAMGLAS® application behind stone cladding facade mechanically fixed.

Total area of FOAMGLAS applied for facade and flat roof 22 000 m²

The Museum of Islamic Art is situated on the southern part of Doha's seafront on a manmade island about 60 meters off the coast of Doha. The external wall of the Museum is finished with 6,500 M3 of natural stone work. High temperature combined with high humidity and an open joint application of the facade was asking for a high quality of the structure below, specially the thermal protection because access to the ventilation space is not provided any more. The FOAMGLAS® cellular glass insulation with the closed cell structure guarantees a life term solution because it can never absorb any humidity neither from humid air nor from rain or condensation. The lifelong constant performance is ensured and any upgrading of HVC equipment never required.



Stable value and out-standing service life using top-quality materials

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Facade structure

- 1 Solid wall (concrete/brickwork)
- 2 Primer coat
- 3 Resin anchor
- 4 FOAMGLAS® slabs, bonded with PC® 56
- 5 Large format stone slab cladding

