



Flat roof,
Terraces

Cleveland Clinic, Abu Dhabi – UAE

Owner Mubadala

Architect Aedas/HDR

Construction 2011 - 2012

FOAMGLAS® application Inverted roof; FOAMGLAS® T4+ TAPERED; 280 mm thick on average, loose laid, single ply membrane (system for hot countries), 8271 m²

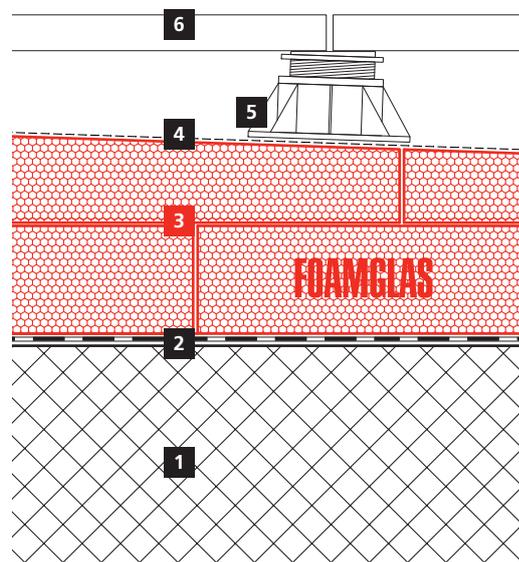
Finish layer Raised prefab tiles

Cleveland Clinic Abu Dhabi is part of Al Suwva Island and owned by Mubadala. CCAD has the objective of bringing world-class healthcare to the region and will be organized into the five institutes of Digestive Disease, Eye, Heart and Vascular, Neurological, and Respiratory and Critical Care.

FOAMGLAS® is used as thermal insulation on the flat roof. It's never degrading properties, combined with highest ecological standard, was one reason for the consultant to go with the world leader in cellular glass insulation.

Additionally the choice is backed by the high compressive strength which enables any terrace build-up without thermal bridges and the ability to include the slope into the thermal insulation.

FOAMGLAS® is the decision for sustainability in regards to ecology and economy.



**Sustainable in ecology
and economy**

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Roof structure

- 1 Concrete roof deck
- 2 Single ply waterproofing membrane
- 3 FOAMGLAS® T4+, TAPERED ROOF, double layer loose laid, average thickness 280 mm
- 4 Protective layer/geomembrane
- 5 Single pedestal
- 6 Prefab tiles

