



Roof with metal covering

Armed Forces Officers Club Abu Dhabi, UAE

Architect Roger Taillibert, France

Execution refurbishment of roof buildup 2006

Application of FOAMGLAS® on concrete shell with metal covering 25 000 m²

The Officers Club in Abu Dhabi build in the nineties as Hotel and conference centre is still a popular hotel in the modern Abu Dhabi with comfortable rooms and place for banquets and meetings. The project often is visited because of its interesting architecture designed from the France Architect Roger Taillibert in a remarkable concrete structure. End of the nineties the roof required a refurbishment of the initially use sprayed Polyurethane thermal Insulation and waterproofing which

failed already. The client followed the architect's recommendation and chooses the FOAMGLAS® compact roof buildup with a metal roof covering. Because of the unique properties of the cellular glass insulation which can never absorb any moisture, is non-combustible, no degradation and the highest safety in long term, the building is now protected for the next decades!

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you don't have to
do it again

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Build-up

- 1 Concrete roof deck
- 2 Primer coat
- 3 FOAMGLAS® slabs, laid in hot bitumen
- 4 Top coat of hot bitumen
- 5 PC® metal fixing plate 150 x 150 mm
- 6 PC® metal fixing plate 200 x 200 mm
- 7 Bituminous waterproofing membrane
- 8 Separating layer
- 9 Standing seam metal sheet
- 10 Profiled metal sheet

