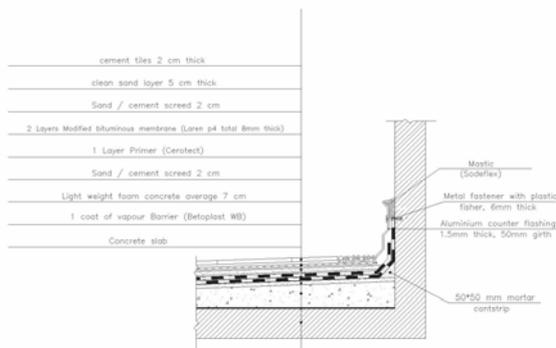




Mariott Hotel – Cairo - Egypt

Project Name: Mariott Hotel
Scope: Roofing System
City: Cairo
Country: Egypt
Vandex Applicator: Sodeco Specialties S.A.E
Construction Period: 2006 - 2007



Technical Information

Products Used: *Betoplast WB*
Aercel Formula
Cerotect
Laren P4

Areas Treated:

- ❖ **Vapour Barrier**
Install one coat of bitumen coat using "Betoplast WB" as a vapour barrier.
- ❖ **Leveling screed/light weight concrete.**
Leveling Screed/will be poured on flat concrete areas of the roof using light weight foam cellular concrete laid to (1.0 %) positive slopes towards the roof water outlets, with 100 mm average thickness, 400 – 500 kg/m³ average dry density, smoothly finished using "Aercel formula" foaming agent.
- ❖ **Sand/Cement Screed**
Install a sand/cement screed 2 cm thick to receive waterproof layer

- ❖ **Water based bituminous primer.**
Install one coat of water base bituminous primer using "Cerotect" and leave it to dry.
- ❖ **Bituminous WP membrane**
Install double layer of APP modified bituminous waterproofing membrane using "Laren P4", each 4mm thick, polyester reinforced, the base sheet to be partially bonded by torch application and the top sheet to be fully bonded manufactured by Imper Italy
- ❖ **Sand/Cement Screed**
Install a sand/cement screed 2 cm thick to receive waterproof layer.
- ❖ **Sand layer.**
Install a clean sand layer 5 cm thick to receive the finish layer.
- ❖ **Finish layer**
Finally protect system with "Cement Tile" layer 2 cm thick on cement mortar 2 cm thick.