



Rehabilitation and Expansion of Cairo International Airport -Terminal Building 2 - Egypt
CEMENT TILES WORKS

Project Name: Rehabilitation and Expansion of Cairo International Airport - Terminal Building 2 (TB2)
Scope: Cement Tiles Works
City: Cairo
Country: Egypt
Main Contractor: Limak Insaat
Applicator: Sodeco Specialties S.A.E
Construction Period: 2014 – Till date
Owner: Cairo International Airport



❖ **Control jointing:**

- Joints are to be true to line, continuous and without steps
- Cut tiles and slabs are to be kept to minimum, as large possible.
- Control joints have to be done every 25 m²
- Control joints filled with sealant as per approved material.
- Control joints widths, will be as specified in project specifications "20mm"



Technical Information

Products Used: Cement Tiles 25X25X2.5 cm

Areas Treated: 38,000m²

❖ Setting Of Cement Tiles :

- Making guide lines by cement tiles according to the control joints locations.
- Mix the bedding mortar to fix the cement tiles.
- Lay out tiles carefully grinds edges of cut tiles; ensure cut tiles are at the corners.
- Tiles shall be accurately set, firmly pressed and tamped into full mortar beds with well fitted joints in the planes, sloped or level as indicated on drawings.
- Cement tiles have to be staggered.



❖ Grouting:

- Mix Cement Portland thoroughly with minimum of clean water to give required workability.
- Timing of grouting: do not grout tiles until their bedding has set sufficiently to resist displacement.
- Grouting: work grout well into joints so they are completely filled, finish flush and thoroughly clean of surplus grout as work proceeds.
- Protection: adequately protect and clean all completed areas clean off any droppings immediately.

