south wing

1. 360mm floor construction
   - 250mm thick reinforced concrete slab
   - 120mm insulated EPS insulation
   - Vapor barrier
   - 70mm cement screed
   - Overfloor heating
   - 38mm colored epoxy resin floor

2. 380mm gravel flat roof construction
   - 250mm thick reinforced concrete slab
   - 100mm thick closed cell polyisocyanurate foam insulation
   - Vapor barrier: water proofing membrane
   - 50mm bead insulation
   - Protective waterproofing
   - 40mm gravel
   - 120x50mm gutter steel C profiles and steel grilles

3. Graded concrete panel flooring
   - 38mm concrete basalt
   - 80x80mm steel beams and joints
   - Screeding

4. Translucent cement facade
   - 800x1000x40mm solid insulated panels
   - 80x10mm brick joint Mortar
   - 80x80mm recycled steel box-profiles
   - 150x50mm vertical steel box-profiles

5. Balcony
   - 200x100mm glulam timber posts
   - 500x500mm metal louvres
   - (400mm cast in concrete horizontal)

6. External wall
   - 60x250mm galvanized steel section
   - Coated black
   - Parapet edge detail
   - Metal sheet
   - 9mm glass
   - 100mm mineral wool thermal insulation
   - 30mm rock wool thermal insulation
   - 25mm gypsum plasterboard

7. Transparent concrete corridor
   - H4.36m steel framing
   - (Resin wall pressure
   - 400x1300x390mm Ultraclear transparent concrete blocks


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