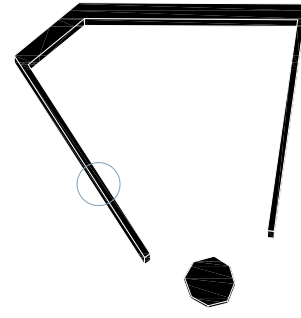


Construction detail

Longitudinal section 1/20



Roof

- Metal Plate
- Roof barrier sheet (≈20 mm)
- Waterproof rigid PVC Sheet
- Polystyrene insulation (≈60 mm)
- Wire mesh troweled mortar (≈22 mm)
- Steel plate (≈6 mm)
- Steel angle 125x75x13 mm
- Deck plate (≈1.6 mm)
- Wood fiber insulation (≈24 mm)
- Air chamber (≈10 mm)
- Plaster board (≈9.5 + 9.5 mm)

Slab

- Rubber Tile (≈3 mm)
- Plywood (≈12 mm)
- Structural plywood (≈6 mm)
- Wire mesh troweled mortar (≈22 mm)
- Steel plate (≈6 mm)
- Steel angle 125x75x13 mm
- Deck plate (≈1.6 mm)
- Wood fiber insulation (≈24 mm)
- Air chamber (≈10 mm)
- Plaster board (≈9.5 mm)

Internal Wall

- Gypsum lined plasterboard (≈9.5 + 9.5 mm)
- Air chamber 10 mm
- Reflective insulation (≈15 mm)
- Air chamber 10 mm
- Urethane paint finish
- steel plate (≈16 mm)

Internal Wall

- Pyramids acoustic panel (≈50 mm)
- Gypsum lined plasterboard (≈9.5 + 9.5 mm)
- Air chamber 10 mm
- Reflective insulation (≈15 mm)
- Air chamber 10 mm
- Urethane paint finish
- steel plate (≈16 mm)

Slab

- Rubber Tile (≈3 mm)
- Plywood (≈12 mm)
- Structural plywood (≈6 mm)
- Joist 45x45 mm
- Wood fiber insulation (≈45 mm)
- Sleeper 90x90 mm

Foundation

- Concrete foundation
- Concrete sub-slab
- Deep foundations poles

