

## FLAT ROOFS

### NON TRAFFICABLE FLAT ROOF (inverted roof)

The sloping is made of cement mortar; over it a waterproof sheet is stuck.

The thermal insulation is over a separator sheet; it's made of rigid extruded polystyrene panels, protected by a gravel coat (without sand).

We put a self-protected waterproof sheet in the union between the roofing elements and the brickwork parapet to protect this area to the water leakage. This sheet is built into the parapet and it's overlapped with the waterproof roofing sheet, to ensure the sealing.

The expansion joint is made in the center of the roof and it has a reinforced waterproof sheet too.