



Cap sheet torch-on bitumen membrane  
 Underlay torch-on bitumen membrane  
 Bitumen primer TECHNOMICOL No. 01  
 Reinforced sand-cement screed  
 Sloping of expanded clay gravel  
 Extruded polystyrene  
 TECHNOMICOL CARBON PROF 300  
 Vapour barrier  
 Reinforced concrete foundation

- |                                                                                        |                                                                                                               |
|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| ① Strengthening layer -Underlay bitumen membrane                                       | ⑥ Edge strip to fastened by self-tapping screws at 200 mm intervals                                           |
| ② Transitional upstand of lightweight concrete                                         | ⑦ Sealing mastic                                                                                              |
| ③ Bottom layer of waterproofing system on vertical surface - Underlay bitumen membrane | ⑧ Galvanized steel drip edge to be fastened by self-tapping screws with rubber washer at 200-250 mm intervals |
| ④ Top layer of waterproofing system on vertical surface - Cap sheet bitumen membrane   | ⑨ Roof cladding to be fastened by self-tapping screws with washer at 200-250 mm intervals                     |
| ⑤ Brick wall plastered with cement-sand grout on metal grid                            |                                                                                                               |

**NOTES**

1. Vapour barrier to be laid over the thermal insulation level.

|      |      |             |         |                                                  |         |          |
|------|------|-------------|---------|--------------------------------------------------|---------|----------|
|      |      |             |         | EXPOSED FLAT ROOF                                | DESIGN  | APPROVED |
|      |      |             |         | INSTALLATION ON VERTICAL SURFACES OF BRICK WALLS | SCALE   | DATE     |
| REV. | DATE | DESCRIPTION | CHECKED |                                                  | DWG No. | REV.     |