



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

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|---|--|
| ① Strengthening layer - Underlay bitumen membrane   | ⑧ Roofing material flashing  |
| ② Transitional upstand of lightweight concrete  | ⑨ Fasten by self-tapping screws at 200 mm intervals  |
| ③ Bottom layer of waterproofing system on vertical surface - Underlay bitumen membrane            | ⑩ Sealing mastic   |
| ④ Top layer of waterproofing system on vertical surface - Cap sheet bitumen membrane              | ⑪ Galvanized steel compensator to be mechanically fastened with flashing   |
| ⑤ Galvanized steel compensator to be mechanically fastened with flashing                          | ⑫ Material to be built-up on vertical surface and mechanically fastened by self-tapping screws with washer Ø 50 mm |
| ⑥ Vapour insulation to be fastened by self-tapping screws with washer Ø 50 mm at 500 mm intervals | ⑬ Brickwork plastered with cement-sand grout   |
| ⑦ Galvanized steel flashing   | ⑭ Stone wool thermal insulation  |
|   | ⑮ Vapour barrier material for fixation of insulation   |

EXPOSED FLAT ROOF				DESIGN	APPROVED
EXPANSION JOINT AT JUNCTION TO WALL. VARIANT 2				SCALE	DATE
REV.	DATE	DESCRIPTION	CHECKED	DWG No.	REV.