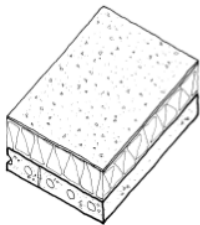


Table A4. Parametric variations of materials used for each layer of the Roof Typology 1.

Layers of Roof Typology 1 	Number of variations
Internal layer: Heavyweight loadbearing	3
220 mm hollow pre-stressed concrete deck with render/paint finish	
220 mm hollow pre-stressed concrete deck with suspended ceiling	
205 mm galvanized steel trapeze deck with suspended ceiling	
Insulating layer: Insulation (U-value: 0.12/0.09/0.07 W/m²K)	6
300/400/500 mm high density mineral wool insulation	
300/400/500 mm EPS insulation with mineral wool fire protection	
External layer: Lightweight finish	4
2 layer bitumen roofing membrane	
1 layer EPDM roofing membrane	
Green roof with EPDM membrane and mineral wool insulation	
1.0 mm zinc sheet on separation layer	
Total number of parametric variations (3 x 6 x 4)	72