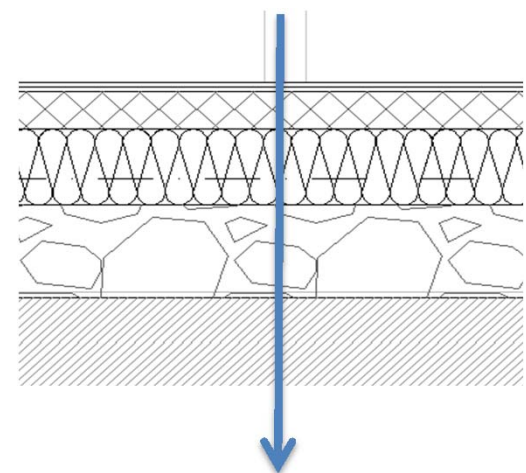


BASEMENT SLAB
Section
Tiles 14mm
Textil Membrane 10mm
In situ Concrete 100mm
Insulation 100mm
Insulation 100mm
Capillary Breaking Layer 250mm



Construction	d (m)	λ (W/mK)	R=d/λ (m²K/W)	DS418
U1				
Rsi-Int. Resistance			0,1700	p20
Tiles	0,014	1,3	0,0108	p49
Textil Membrane	0,01	0,23	0,0435	
In situ Concrete	0,1	2,44	0,0410	p48
Insulation	0,1	0,04	2,5000	
Insulation	0,25	0,04	6,2500	
Capillary Breaking Layer	0,25	1,24	0,2016	p51
Rj Soil Resistance			2,0000	p31
ΣR=1/U'			11,2168	
U'=1/ΣR			0,0892	
0, U = U' + ΔU = 0,1339 + 0 =0,1339 W/m²K				