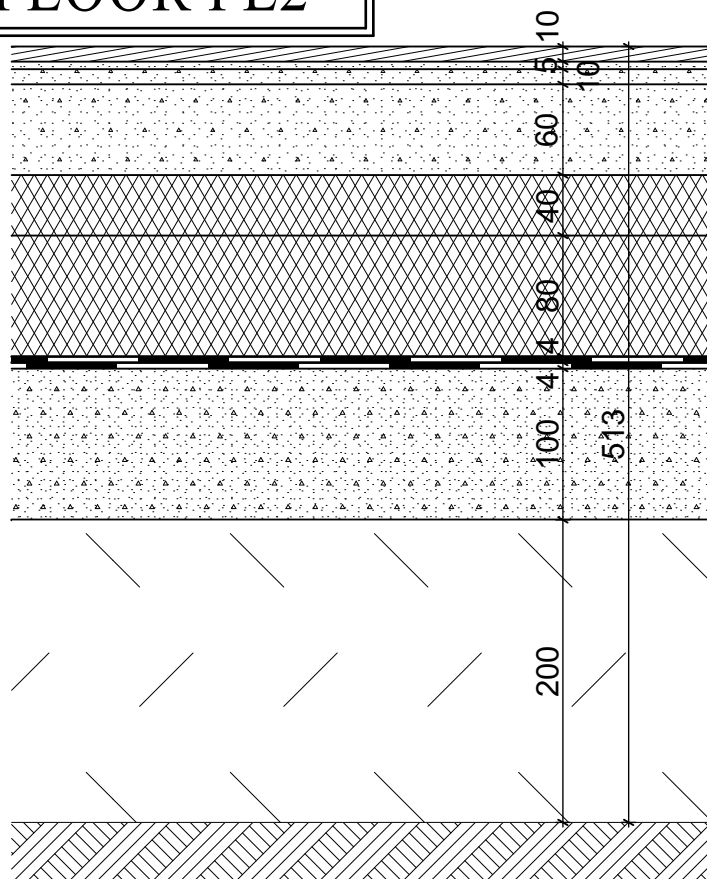


GROUND FLOOR FL2

SC 1:5



COMPOSITION OF FLOOR IN 1st ABOVE GROUND FLOOR

N	FUNCTION	MATERIAL SPECIFICATION	STABILIZATION	THICKNESS
1	SURFACE FINISH	LAMINATE FLOORING marmoleum 2 mm on top finish, load-bearing 7 mm, bottom 1 mm	lock connected	10
2	SEPARATION	PE FOAM LAYER mirelon layer	-	5
3	LEVELING	SELF-LEVELING SCREED calcium sulfate base, thickness from 2.5 to 10 mm, compressive strength >35 N/mm ² , coefficient of thermal conductivity λ 1.4 W/m*K, density 2100 kg/m ³ initial setting 15-30 minutes, final setting 60-90 minutes, curing 48 hours	smoothing trowel or screeding rake	10
4	GROUTING	GROUTING CONCRETE SCREED concrete C20/25 XC1, consistancy S3, with reinforcement mesh diameter 4/150	-	60
5	SEPARATION	PLASTIC FOIL PE foil	-	-
6	INSULATION	ACOUSTIC INSULATION stone wool, thermal resistance R 1.10 m ² *K/W, coefficient of thermal conductivity λ_u 0.035W/m*K, fire reaction class A1, diffusion resistance factor μ 1, density 40 kg/m ³	-	40
7	THERMAL INSULATION	THERMAL INSULATION EPS polystyrene, thermal resistance R 5.80 m ² *K/W, coefficient of thermal conductivity λ_u 0.034W/m*K, fire reaction class E, compressive strength 250 MPa, diffusion resistance factor μ 100	-	80
8	WATERPROOFING/ ANTI-RADON	BITUMEN SHEETS modified SBS, top layer separation spill, core layer glass textile, bottom layer PE foil, coefficient of thermal conductivity λ_u 0.21 W/m*K	melted	2x4
9	FOUNDATION PLATE	CONCRETE PLATE + KARI WIRE MESH concrete C20/25 XC1, consistancy S3, with reinforcement mesh diameter 4/150	-	100
10	BASE	COMPRESSED SOIL class 6, Rdt 500 kPa	-	200