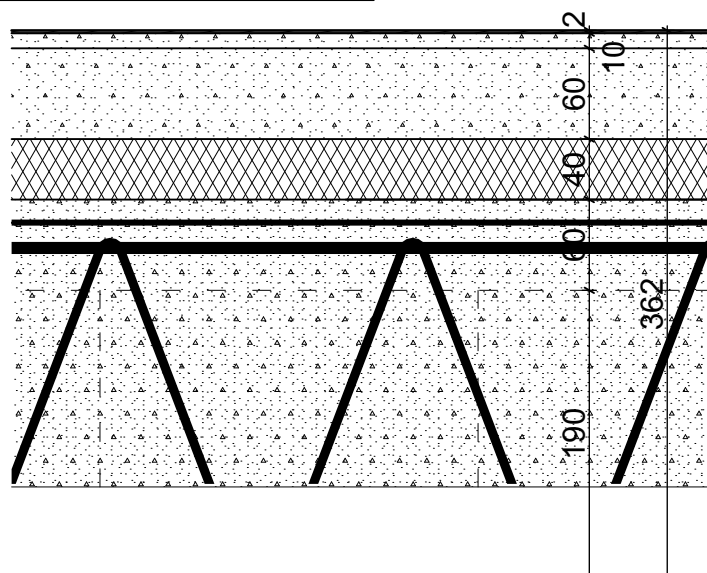


INDUSTRIAL FLOOR FL3

SC 1:5



COMPOSITION OF FLOOR IN 2nd ABOVE GROUND FLOOR

N	FUNCTION	MATERIAL SPECIFICATION	STABILIZATION	THICKNESS
1	SURFACE FINISH	EPOXY COATING three component self-leveling epoxy compound, penetration, covering, protecting	-	2
2	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
3	GROUTING	GROUTING CONCRETE SCREED concrete C20/25 XC1, consistency S3, with reinforcement mesh diameter 4/150		60
4	SEPARATION	PLASTIC FOIL strong building foil	-	-
5	ACOUSTIC INSULATION	STEP INSULATION elasticized polystyrene, thermal resistance R 0.40 m ² *K/W, coefficient of thermal conductivity λ_u 0.037 W/m*K, fire reaction class E, compressive strength 6.0 MPa	-	40
6	GROUTING	GROUTING CONCRETE concrete C20/25 XC1, consistency S3, with reinforcement mesh diameter 4/150	-	60
7	LOAD-BEARING	CEILING JOIST + CARTRIDGE reinforced concrete, fire reaction class A1, fire resistance REI 180 D1	-	190

NOTES:

- 1 additional rubber sound proofing can be locally placed on top of epoxy finish, under any element causing vibrations
- 1 penetration of the floor is necessary before applying of base layer of epoxy coating
after applying of base layer another layer of penetration primer is applied
penetration layer, shear resistance >2 MPa, density 1.05-1.11 g/ cm³
covering layer, shear resistance >2 MPa, strain resistance >30 MPa, density 1.41-1.49 g/ cm³
protecting layer, density 1.0 g/ cm³
construction breaks and application details are specified by manufacturer