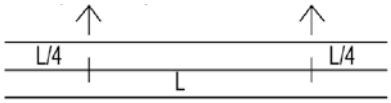
EXAMPLE OF AN ASSEMBLY PLAN

Example of assembly plan S25

Method of laying the floor

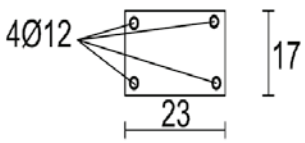
1) Lifting points of the floor panel as in the illustration (they are marked on the panel in red)



2) Start laying an area while observing the numbering and working progressively; 1, 2, 3 etc. (Do not invert the panel with regard to the numbering in the drawing)

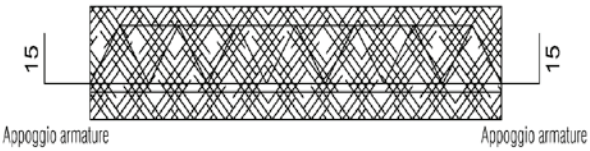
Prescriptions of and under the responsibility of the company

1) Class C25/30 concrete
2) Type B450C controlled steel reinforcement. Sigma amm=2600 Kg/cm²
3) Composite slab h=4 cm
4) Integral extrados (upper) reinforcement for each joist (for each rib to be laid at 2 cm from the structural extrados of the floor and above the mesh)
5) Insert the 6/20x20 electro-welded mesh in the composite slab
6) Reinforced corner inter-tie with 2+2 diam. 12 mm, stirrup diam. 8/20"

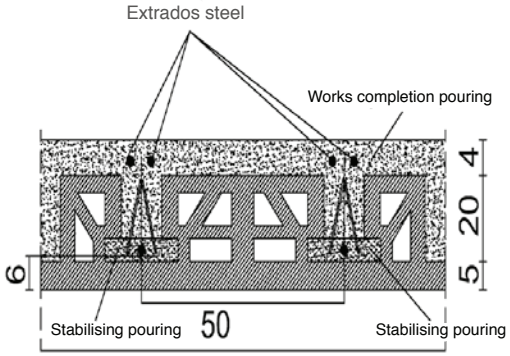


7) Support timber shuttering every 1.5 m maximum
8) 1 cm cambering for 4-5 m spans, 2 cm for spans of 6 m

Floor panel

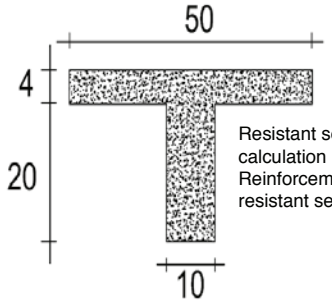


N.B = the indicative weight of a moistened floor panel is 220 Kg/m



Floor slab H=25 cm+4 cm

Minimum guaranteed resistance of the CLS on consignment equal to 15.0 MPa



Resistant section considered for the calculation
Reinforcement referred to the resistant section

N.B = For better thermal and acoustic insulation, ISOTEX advises the superimposition on the vertical walls of some 3-4 cm. The floor thicknesses are: 20-25-30-39 cm + structural concrete topping.