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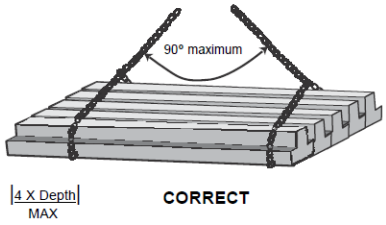
A. Milbank Prestressed Flooring Units

1. Milbank Prestressed flooring units are Pretensioned members. The tendons are embedded and bonded along the whole length of the unit and are cut flush with and exposed at the end of the unit; they do not have any end anchors.

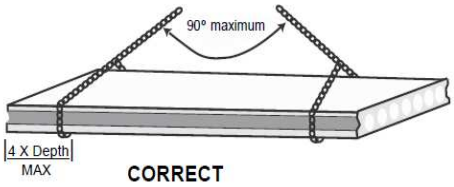
2. Milbank Prestressed beams and slabs with can be demolished in a manner similar to ordinary reinforced concrete.

3. Milbank beams and slabs may be lifted and lowered to the ground as complete units after the removal of any composite concrete covering to tops and ends of the units.

4. Lifting the units from the structure should generally be done from points near the ends of the units or from lifting point positions. Reuse of lifting eyes, if in good condition, is recommended whenever possible.



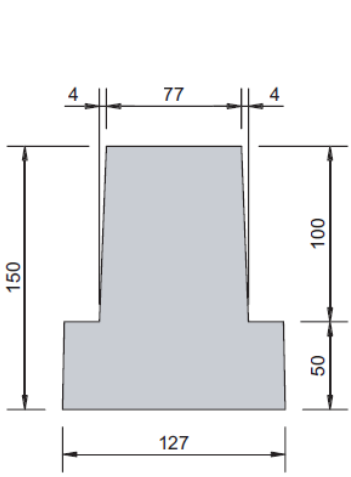
Groups of "T Beams"



Single Prestressed Slabs

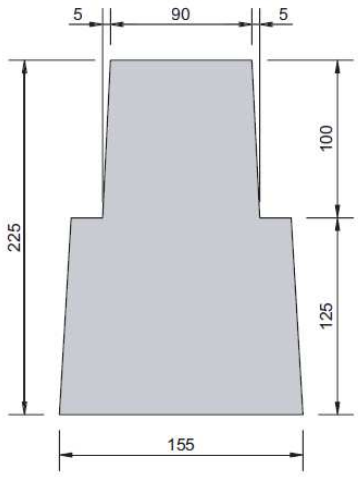
5. To facilitate breaking up with a hydraulic shear, the members should be turned on their sides.

B. Milbank Prestressed Beam and Block Flooring Units manufactured up to December 2015



150mm T Beam

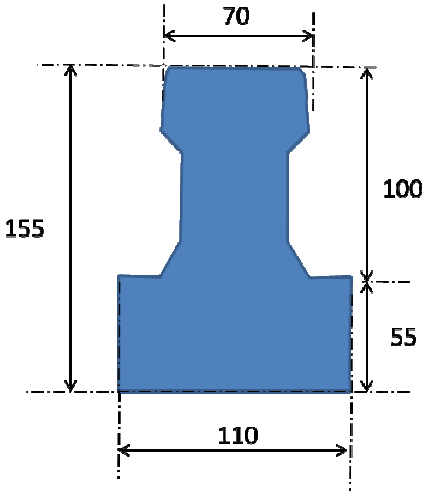
Self Weight 34 kg/m



225mm T Beam

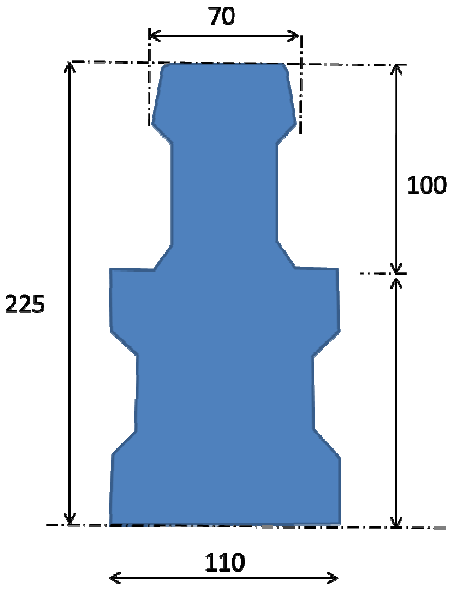
Self Weight 64 kg/m

C. Milbank Prestressed Beam and Block Flooring Units manufactured from January 2016



155mm T Beam

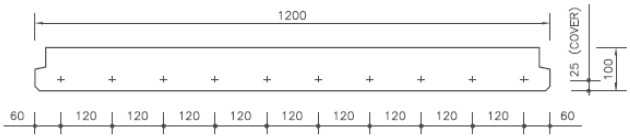
Self Weight 28.5 kg/m



225mm T Beam

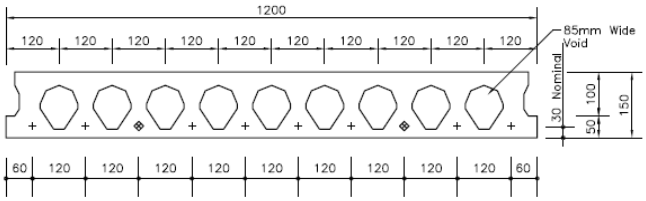
Self Weight 44 kg/m

D. Milbank Prestressed Slab Flooring Units manufactured up to December 2013

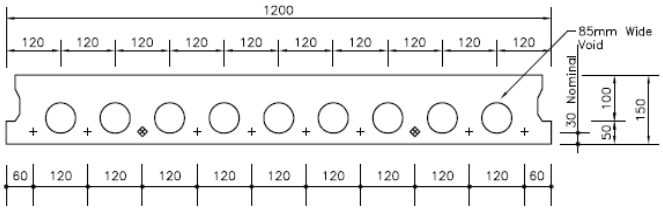


75 or 100mm Solid Slab

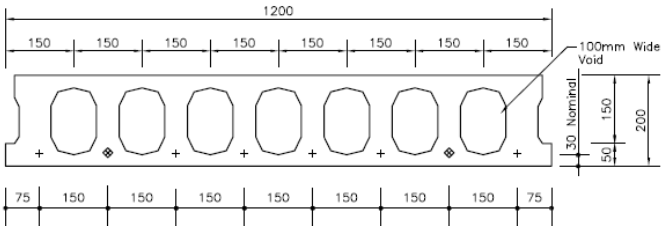
Self weight 216 kg/m Self weight 288 kg/m



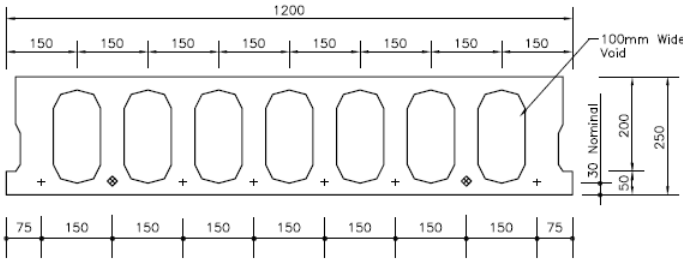
150mm Light Hollowcore Slab Self weight 291 kg/m



150mm Heavy Hollowcore Slab Self weight 349 kg/m

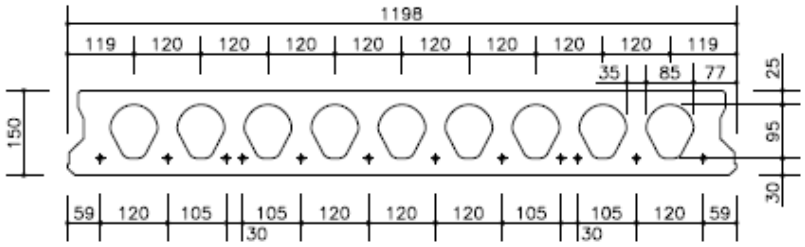


200mm Hollowcore Slab Self weight 345 kg/m

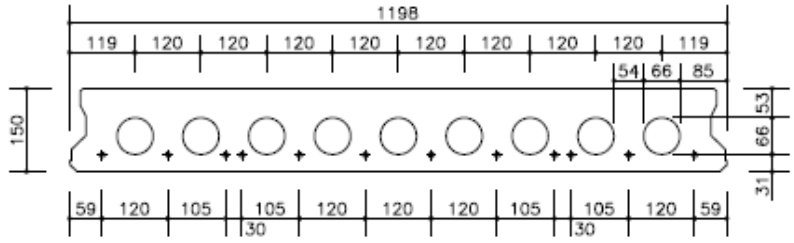


250mm Hollowcore Slab Self weight 400 kg/m

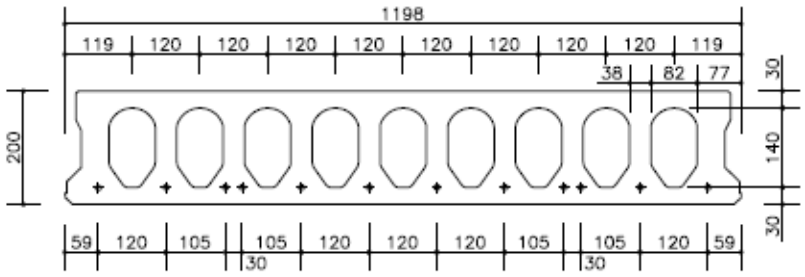
E. Milbank Prestressed Slab Flooring Units manufactured from January 2014



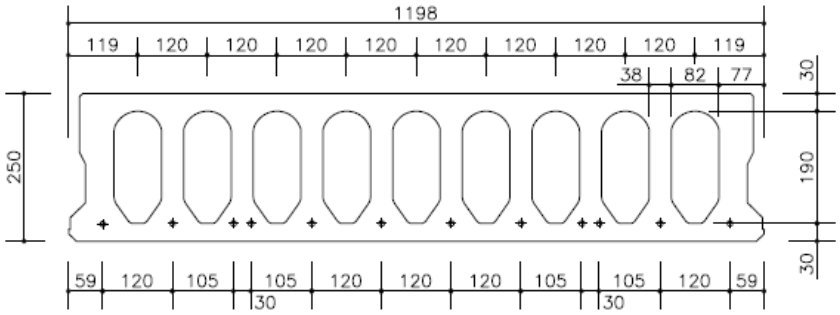
150mm Light Hollowcore Slab Self weight 291 kg/m



150mm Heavy Hollowcore Slab Self weight 349 kg/m



200mm Hollowcore Slab Self weight 352 kg/m



250mm Hollowcore Slab Self weight 402 kg/m

F. Milbank Precast Stairs, Landings, Ground Beams and Wall Units

1. Milbank Stairs, Landings, Ground Beams and Wall units are bespoke products made using ordinary reinforced concrete and can be demolished using techniques that apply to ordinary insitu concrete structures.

2. Milbank Stairs, Landings, Ground Beams and Wall units may be lifted and lowered to the ground as complete units after the removal of any materials covering to tops and ends of the units.

3. The identification of units and their weights are generally shown on Milbank's layout drawing.

4. Lifting the units from the structure should generally be done from points near the ends of the units or from lifting point positions. Reuse of lifting eyes, if in good condition, is recommended whenever possible.