

PROPRIETARY FLOORS/ ROOF DECKS

130

PRECAST PLANK FLOORS

- To be designed supplied and erected by specialist
- Manufacturer: to approval
 - Product reference:
- Plank depth: 150mm.
- Finish:
 - Soffit: standard.
 - Top surface: standard.
- In situ reinforcement: As section E30.
- Concrete infill: As clause 320.
- Other requirements: none.

GENERAL/ PERFORMANCE

240

DETAILING OF PROPRIETARY SYSTEM

- Installation details: Submit location and assembly drawings showing every aspect of the construction, incorporated components and features, trimming for voids, holes for services, and related work by others.
- Programme: Submit well in advance of construction.

INSTALLATION

310

GENERAL REQUIREMENTS

- Lifting: At designed lifting points, using special lifting devices and cradles as necessary.
- Bearings: Set on level bearings ensuring not less than minimum seating recommended by pre-cast unit manufacturer.
- Site formed openings and sinkings: As pre-cast unit manufacturer's recommendations.
- Cutting/ drilling: Do not cut or drill units except as recommended or agreed by manufacturer.

315

INFILLING AT BEAM BEARINGS

- Type: to manufacturers specification_____.
- Installation: Infill gaps in walling below built in standard flooring blocks.

320

CONCRETE INFILL

- Concrete: To BS EN 206-1/ BS 8500.
 - Mix: to manufacturers specification_____.
- Preparation: Thoroughly clean and wet surfaces of pre-cast units.
- Placing: Avoid segregation and compact thoroughly to eliminate voids.
- Extent: Fill troughs and other holes.
- Finish: Flush with top of pre-cast units.
- Protection: Ensure that units do not move until concrete has gained sufficient strength.

335

GROUTING

- Mix: 1:2 cement : sand_____.
- Preparation: Thoroughly clean and wet surfaces.
- Extent: Fill all joints and surface irregularities.

350

TOLERANCES _____.

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Levels of floors: As Preliminaries clause A33/370.

360

SURFACE REGULARITY

- In situ slabs to composite floors: As clause E05/310.