



DRYCAST

PRE-STRESSED HOLLOW
CONCRETE FLOOR & ROOFS



Angelo Xuereb Ltd.

Building and Civil Engineering Contractors
Waterproofing Specialists

Manufacturers of 'Drycast' Pre-stressed Hollow Concrete Slabs

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DRYCAST Pre-stressed Hollow Concrete floor system is a module construction system which has the advantage of precision in manufacture, speed of erection and economy.

Drycast Pre-Stressed Slabs

The service offered is, design, supply, delivery and erection. Design offered will be to suit clients' requirements.

Characteristics:-

600 mm and 1200 mm wide module.
Fully precast pre-tensioned.
Spans up to 15.5 metres
Thicknesses 100 mm, 155 mm, 255mm and 270 mm
Super-imposed loads as shown on Sketch 'A'.
Camber of 3 mm - 25 mm according to span and designed load.

Applications:-

Minimum bearing on stone walls - 100 mm
Holes may be cut on site up to 65mm through the voids.
Soffits may be decorated with textured paint direct without plaster.
Plaster may be applied direct to the soffit with a suitable bonding agent.
Hangers for suspended ceilings may be fixed in joints between the units.
Grouting to be carried out by others to a 1 : 1½ : 3 mix and vibrated.
The load bearing surface should be smooth and level so that a uniform bearing is achieved.

Drycast Pre-Stressed Beams.

Application:-

The flooring system is primarily designed to carry domestic loadings over spans of up to 5 metres.
The beams may be used singly or in various combinations e.g. two beams per pot or continuous beams without pots. Possible variations are shown in sketches 'B', 'C' and 'D'.
By the use of these variations, the range of the beams can be extended up to 9 metres span using 230 mm thick roofing blocks.

Basic Data:-

Depth of beam 100 mm, 120 mm, 150 mm
Width of beam 120 mm
Standard beam spacing 560 mm centres.

Types Manufactured



600 mm wide 255 mm deep



1200 mm wide 100 mm deep



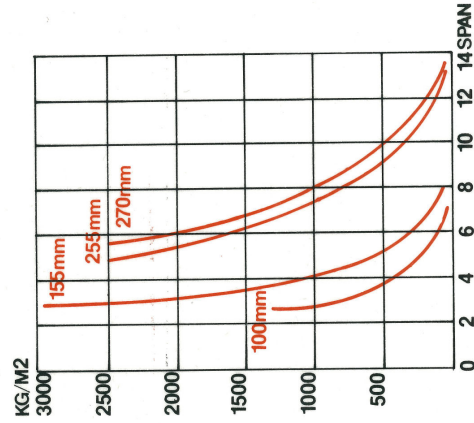
1200 mm wide 155 mm deep



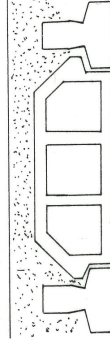
1200mm wide 270mm deep

Sketch A

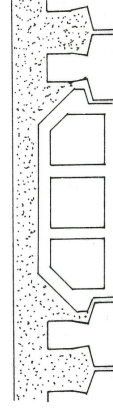
U.D.L. IN BARDING: KG/M²



Sketch B



Sketch C



Sketch D

