

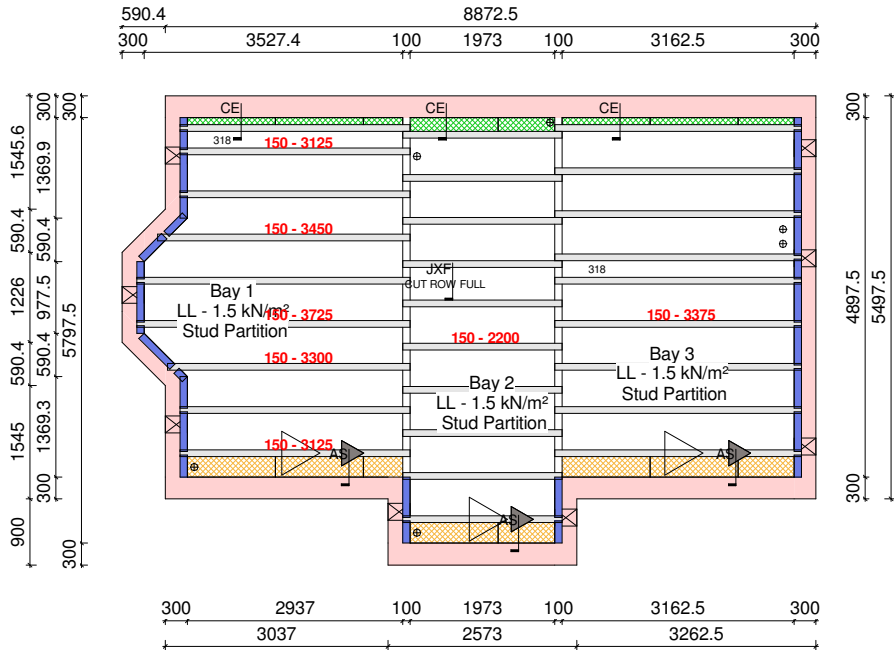
DO NOT SCALE DRAWING



Installation Guide

Please Note: No allowances have been made on this design for additional loading out of infill blocks or other ancillaries. If this is required, you MUST contact Litecast for loading out advice PRIOR to doing so. Failure to do so may result in damage to structural integrity of the floor.

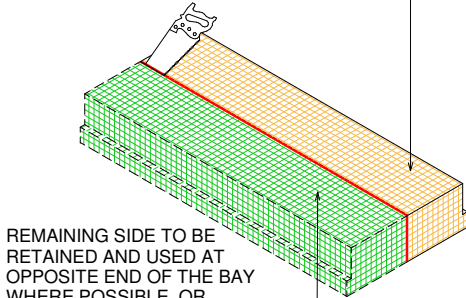
All partitions not supported off a footing below are assumed to be 1.2kN/m² Max. Non-load bearing studding. (Except where indicated on drawing)



CUTTING PANELS TO SIZE FOR USE IN FLOOR

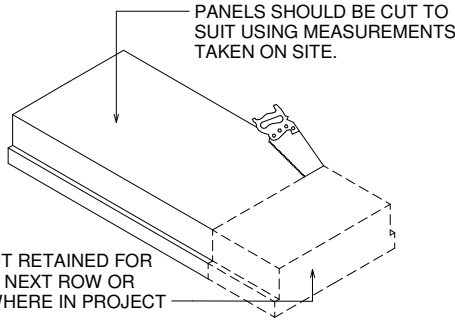
MUST BE CUT FROM FULL (540mm) PANEL

ONE SIDE TO BE USED AS STARTER PANEL. CUT EDGE SHOWN IN RED TO BE PLACED AGAINST WALL ON OPTIONAL EDGE SUPPORT CLIPS



REMAINING SIDE TO BE RETAINED AND USED AT OPPOSITE END OF THE BAY WHERE POSSIBLE, OR ELSEWHERE IN THE PROJECT

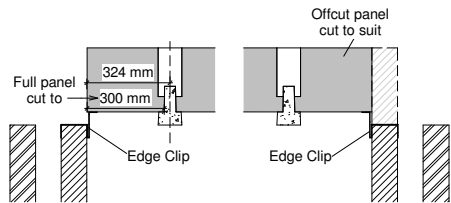
CUTTING FOR START/END



OFFCUT RETAINED FOR USE IN NEXT ROW OR ELSEWHERE IN PROJECT

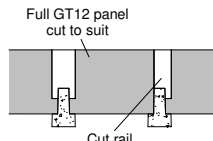
CUTS SHOULD NOT RESULT IN PANELS SMALLER THAN 300MM, AS THESE ARE NOT PERMITTED. EG. IF A 1000MM SECTION IS REQUIRED, IT SHOULD BE ACHIEVED BY CUTTING ONE PANEL TO 600MM AND ANOTHER TO 400MM. THIS AVOIDS CREATING AN UNUSABLE 200MM OFFCUT. EACH COMBINATION MUST ALWAYS INCLUDE ONE PANEL OF 600MM.

CUTTING TO SIZE FOR ROW

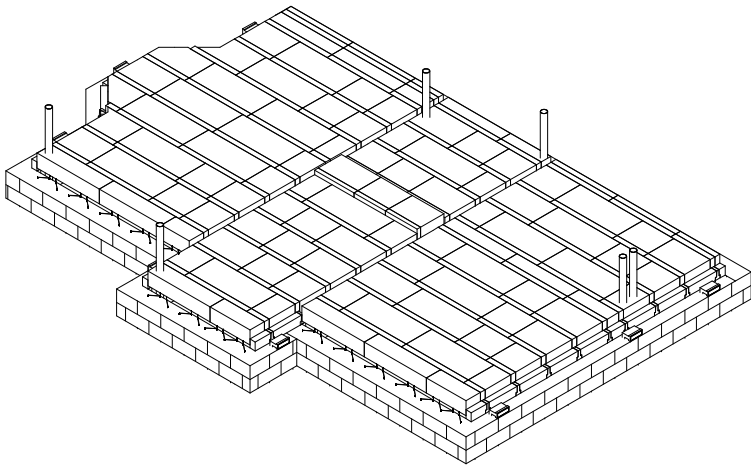


SECTION AS

SECTION CE



SECTION JXF



Closure Blocks are only included for around the perimeter, as is highlighted on our design. If you would like additional Closure Blocks for internal walls, please contact Litecast.

PLEASE NOTE:

Sections should be used to determine panel type for cut rows and all edges are created using full (540mm) panels.

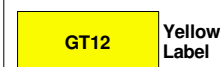
Section Details shown are auto generated and may not reflect situation on site.

Ancillaries Schedule		
Product Code	Description	Count
ANC-GT12F	GT12 540mm Infill Panel	59
ANC-GT12H	GT12 270mm Infill Panel	6
ANC-ESCGT12	GT12 Edge Support Clip	30
ANC-PES	Poly Edge Strip	50
ANC-LCB	100mm Large Closure Block	24
ANC-SCB	100mm Small Closure Block	2
ANC-AB1	Air-Brick TERRA	8
ANC-UV	Telescopic U/Floor Vent	8

Joist Schedule			
Description	Joist Length	Bay Id	Count
150mm Floor Joist	3125	1	5
150mm Floor Joist	3300	1	1
150mm Floor Joist	3450	1	1
150mm Floor Joist	3725	1	2
150mm Floor Joist	2200	2	10
150mm Floor Joist	3375	3	9

Vent flow rates achieved	
6450	mm² Capacity
1802	mm²/m P (1500mm²/m MIN)
1192	mm²/m² A (500mm²/m² MIN)

PANELS ON THIS DESIGN ARE



THERMAL VALUES
PERIMETER/AREA VALUE - 0.662
TARGET U VALUE - 0.11 ACTUAL U VALUE - 0.11

b	Additional vents added and repositioned as requested	DB	14/04/25
a	Design previously estimated, drawing produced to site specific plans	DB	01/04/25

REV	DESCRIPTION	INI	DATE
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TOTAL LENGTHS AND AREA		
150mm - Length	225mm - Length	Floor Area
81.950 m	0.000 m	42 m²

DESIGN CRITERIA (WHERE APPLICABLE)
FINISHES - 1.8kN/m² 75mm Steel Fibre/Mesh Reinforced Concrete Screed
LIVE LOAD (LL) - Refer To Bay Tag For Loads
OTHER INFILLS - EPS Panel
PARTITIONS - 1.2kN/m² Non Load Bearing Stud
PARTITIONS - 3kN/m Non Load Bearing Block

HOUSE TYPE
Thespian

SITE ADDRESS
St Nicholas Park, Forster Park
Off North Road
Stevenage
SG1 4DE

Litest Unit 1 Pulney Chase Industrial Est. Pulney Lane, Hemel Hempstead, HX10 0BG Tel :-02476 356161	DRAWN BY david@litecast.co.uk	DATE 31/07/2024
	DRG NO. 241714-44-GT12	REV b

Drawing Legend

Joist Start Layout Point Poly Start Layout Point

150mm Joist

Service Hole Position

Suggested Void Ventilator Position. Those with V graphic have Vertical Ext. Thru' vents by builder.

Closure Block
All closure blocks to be bedded. All internal bearing channels must be concrete filled before screed is applied. Shuttering may be required for GT12 and GT18.

Starter Panel - Cut from FULL PANEL as indicated on design/section.
End Panel - Cut from FULL PANEL or off cut of Starter Panel as indicated on design/section.

318 150mm Floor Joists with 270mm poly panel between (Poly).