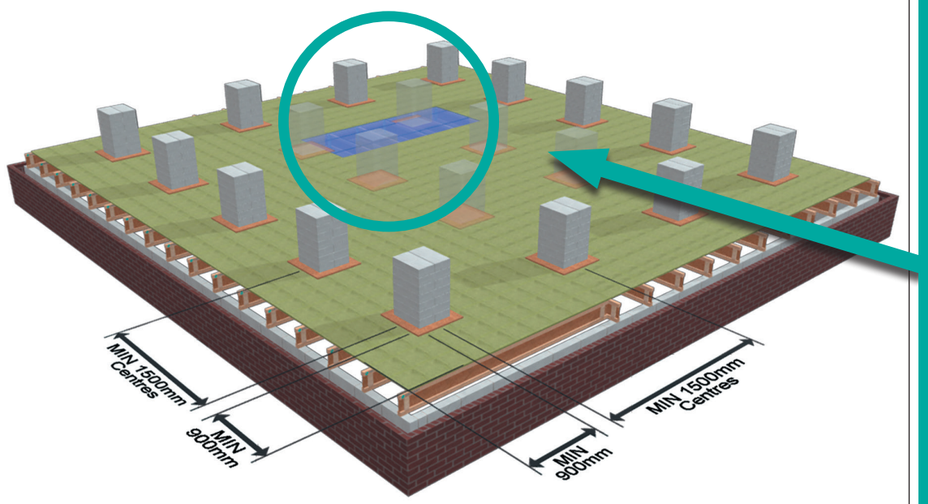
WORKING PLATFORM LOADING OUT GUIDANCE

Case 1 - Blockwork stacks

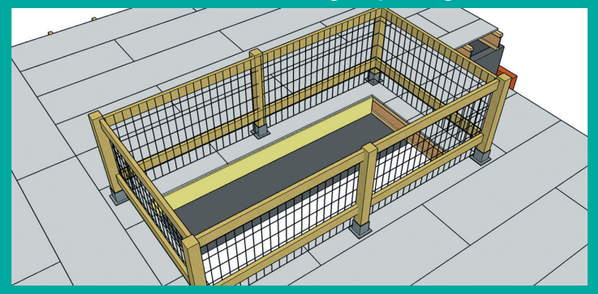
Blockwork must be loaded out in 450mm x 450mm stacks, on timber pattresses at no less than 1.5m centres and at least 900mm from external walls. Each stack must contain max 14 No. blocks.

Scan Here For Detail

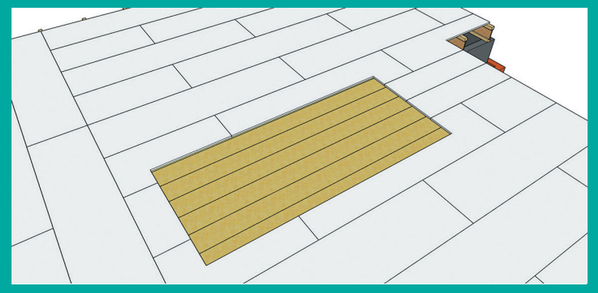


Stairwell Options

Option 1 - Open & Guarded
No loads applied, Scaffold standards to run continuous through opening.



Option 2 - Sacrificial Joists & Decking
Full loads can be applied to the opening area.



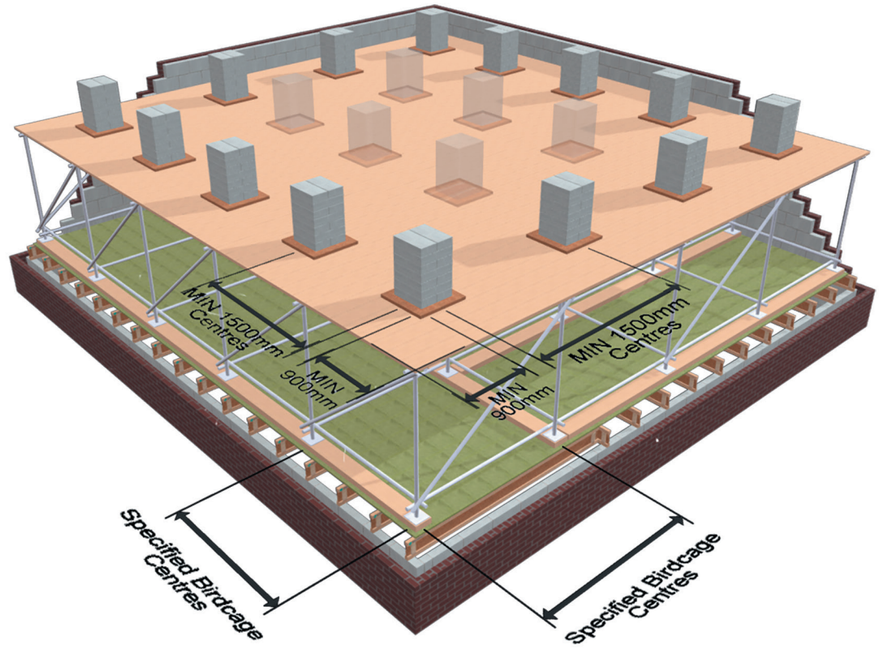
Option 3 - WellSafe™ Frame

Operatives and scaffold standards only, over the opening area

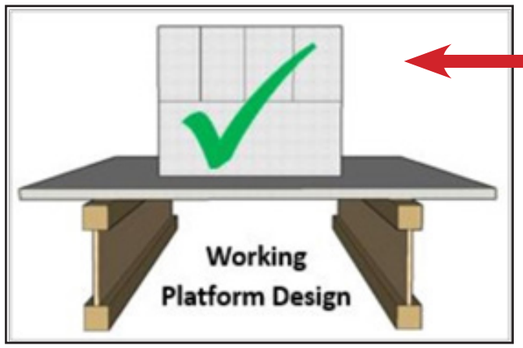
Case 2 - Construction Crash Deck or loaded-out Birdcage Scaffold

Where block stack loads are applied to the floor via a scaffold system, all scaffold standards must sit on double 38 x 225mm scaffold boards spanning perpendicular to the joists.

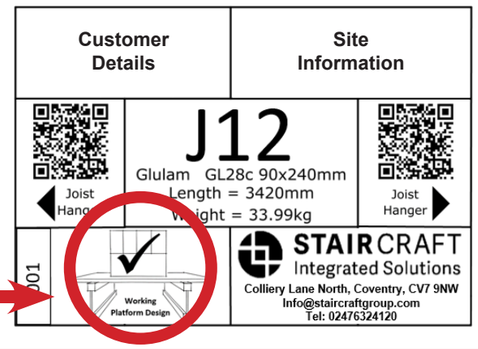
Scan Here For Detail

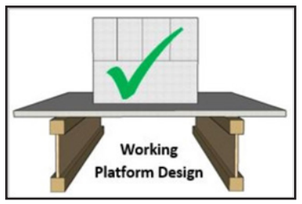


WARNING



Without this logo on the joist labels and the floor design plan, the floor will need back-propping before being used as a working platform.





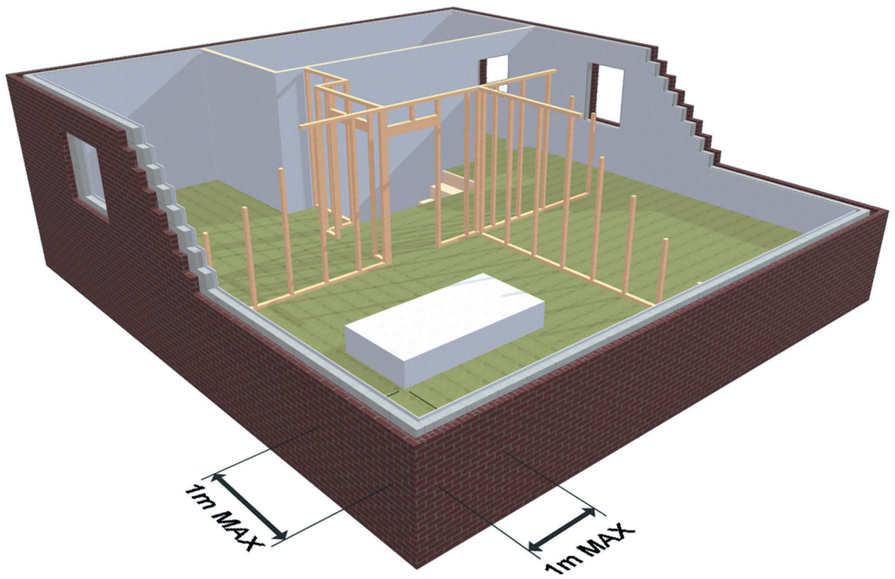
Note – This logo will be visible on the joist labels and design plans of floors designed to support the requisite construction loads without the need for back-propping.

WORKING PLATFORM LOADING OUT GUIDANCE

Case 3 - Single Pile of Plasterboard

A single stack of plasterboard or chipboard, laid flat, may be loaded out on the floor no further than 1m from external walls, provided it is no higher than 450mm for chipboard or standard plasterboard or 350mm for all other plasterboard types.

Scan Here For Detail



Design Assumptions and Loading Limitations:

The limits given in this guidance on the positioning and amounts of concrete blocks, chipboard or plasterboard sheets must be adhered to.

No provision is made for construction materials to be placed on the floor in their original (as delivered) packaging or pallets

General Good Practice:

Use timber boards, pallets or 'skids' to keep moisture sensitive materials off the deck to allow for ventilation and be clear of localised ponding.

Principal Contractors Responsibilities:

Using an un-propped i-joist floor as part of a working platform still requires Health and Safety planning. The Principal Contractor should always plan the use of the floor with due consideration to the following:

- Provision for safe access to the floor area – including personnel working on the floor, and materials placed onto the floor by cranes or mechanical handlers.
- Protection for operatives working on the floor.
- Prevention of items falling from the floor onto personnel working below.
- Provision for handrails or guardrails to protect operatives from falling.

Planned use of the floor during the construction phase should be referenced in method statements and risk assessments.

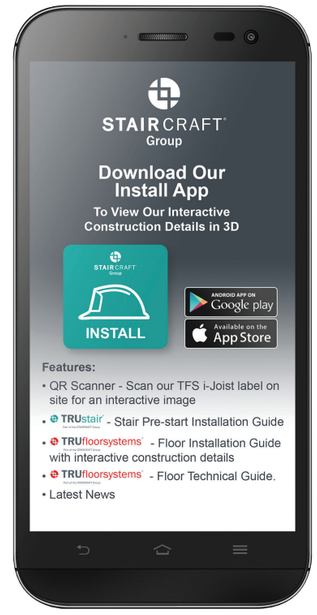
The use and limitation of the floor should be communicated to all relevant personnel involved during the construction phase. This may take form of clear signage and/or referenced during the site induction process.

Floor Condition Checklist:

The condition of the floor should be inspected before its use during the construction phase, and routinely during the construction phase period. Inspection items should include the following:

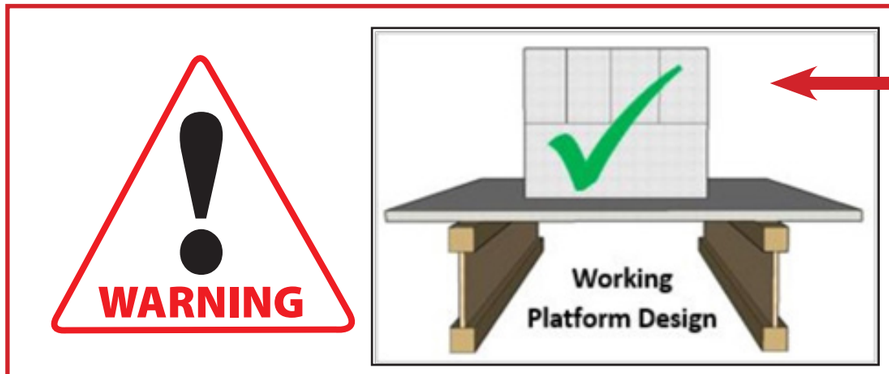
- ☑ **Check** all floor components are not damaged in such a manner that this would compromise the structural integrity of the floor. If in doubt contact Staircraft.
- ☑ **Check** the moisture content of joist flanges and glulam beams does not exceed 20% during prolonged periods of inclement weather. Site shut down over the Christmas period may present a risk if the floor is left loaded out and exposed to the weather.
- ☑ **Check** joists and beams built into masonry walls have sufficient bearing length.
- ☑ **Check** the correct joist hanger type is installed, and fully nailed as per manufacturer's instructions. Gaps and joist positioning should be within stated tolerances.
- ☑ **Check** that I-clips and/or filler blocks are present in multi-ply i-joists and positioned correctly– as per the floor layout plan.
- ☑ **Check** that nails, screws and bolts fixing multi-ply glulam beams are present and positioned correctly in multi-ply glulam beams – as per the floor layout plan.
- ☑ **Check** the floor decking is adequately protected from scuffs and spillages, fixed correctly, and with board joints tight and sealed.
- ☑ **Check** no voids are present in or around the floor perimeter, which would allow objects to accidentally fall onto persons below.
- ☑ **Check** that the floor deck is kept clean enough to be prevent operatives from slipping on muddy, wet floors or spilled liquids.

Download the INSTALL APP to access all our other i-details

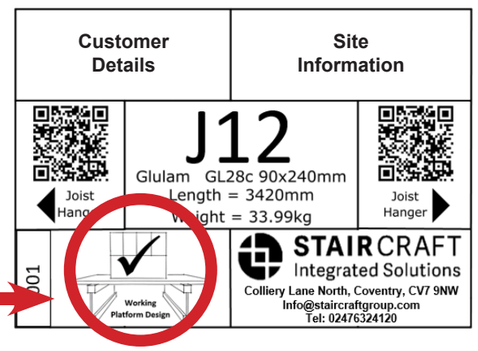


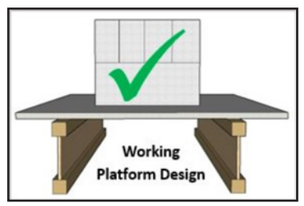
Available on the App Store

ANDROID APP ON Google play



Without this logo on the joist labels and the floor design plan, the floor will need back-propping before being used as a working platform.





Note – This logo will be visible on the joist labels and design plans of floors designed to support the requisite construction loads without the need for back-propping.