

Avoid Floor Under-Propping Costs

The Problem

Timber floors generally need to be 'under-propped' during construction to safely support operatives and block stacks required to build walls above 1st floor level. This floor support scaffolding is expensive to install, makes it difficult for trades to work around, and can cause damage during installation or removal.



The Cause

Conventionally designed floors are not designed to support the loads that can be imposed during the construction process and often these floors are overloaded without realisation. The resulting consequences can be catastrophic.

The Effects

Under-propping floors incurs considerable additional time and cost to install and remove, adds no value, complicates the build-process and can cause delays and consequential damage.

Staircraft's A.I. (Artificial Intelligence) Design Solution

Staircraft are the World's 1st floor-kit manufacturer to use A.I. to design floors. We can supply floors which have been specifically designed to act as a full working platform during construction, thereby avoiding under-propping and delivering the following benefits:

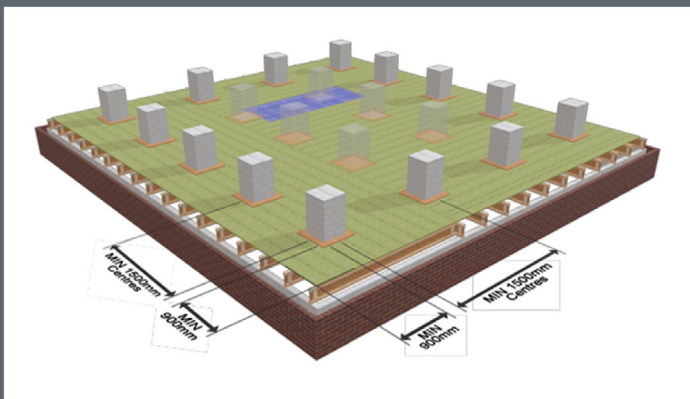
✓
Designed using A.I. giving cost-neutral or reduced construction costs

✓
No forest of scaffolding to install or remove (& no consequential damage)

✓
Build-programme benefits – Trades can work beneath the floor sooner

✓
More space for trades to work within COVID-19 Secure guidelines

✓
Results in a better floor for the end customer



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If you want to give our working platform floor designs a try, please get in touch.