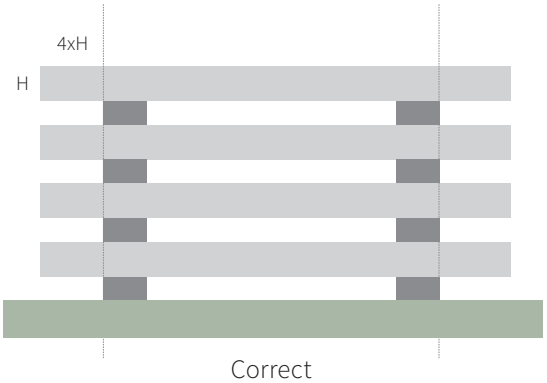
# BEAM&BLOCK

POUNDFIELD PRECAST
A PPG COMPANY
'INNOVATION in CONCRETE'

## Stacking and lifting guide

- The flooring beams must be stacked the right way up, with timber bearers placed just in from the ends, (maximum four times unit depth, "H") vertically above one another.
- Care should be taken in the stacking and general handling of the units, taking into account the weight of the products, the stability of the stacks and the load carrying capacity of the ground.
- Timber bearers must be lined vertically through the stack at a maximum 250mm from the end of the units.
- In addition to the precautions to be observed when stacking, e.g. the position of bearers, care must be taken to ensure that the ground or surface on which the components are to be stacked is suitable.
- The ground must be firm and level, and wherever possible stacking of components should be on firm hard-core or oversite concrete.
- The height to which components can be safely stacked on site will be greatly influenced by the condition of the ground on which they bear.
- Another prime consideration should be the height to which a man can reach to pass lifting chains or slings around the components.
- Similar length units should be stacked together.




Correct

Incorrect

**Safety warning**

Protective clothing should be worn.
T-beams compact in on themselves when lifted,
KEEP HANDS CLEAR TO AVOID INJURY.

Ensure good manual handling techniques.

- Beam products are generally delivered on articulated vehicles therefore appropriate hardstanding and access is essential.
- The Contractor must inspect the floor units at the time of delivery on supply only contracts and sign the delivery ticket, as no liability for damage can be accepted at a later date.
- Ensure before lifting that the crane is sited on firm level ground and there is sufficient clear working area for turning and slewing with no overhead obstructions.

Before lifting

During lifting

CE EN 15258:2008 – Precast concrete products.
Beam and Block flooring solutions.

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