



# How to stack concrete panels

*- Safely*



**ARMCON**  
CERTAINTY: IN CONCRETE

# How to stack concrete panels

## Top Tips

### Choose the correct pallet for the job

The first rule of stacking pavers is to inspect your pallet:

- Is it in a safe condition?
- Can this pallet withstand the weight of the stacked pavers?
- Is this the correct pallet for moving the stacked pavers?
- What environment is the pallet to be used, i.e will it corrode?

All these questions are to be taken into consideration when choosing the correct pallet for the job.

### Loading the pallet with concrete panels

Pallets should be loaded to an established pattern designed to achieve maximum stability and safety within the rated load of the pallet. Loads should be applied gradually and should as far as possible be uniformly distributed over the deck area. Keep the same number for each row and each level.

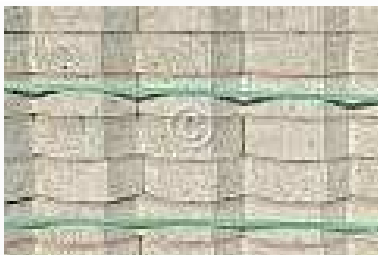
As a general guide, the height of the load should not exceed the longest base dimension of the pallet. We recommend 3 rows of posts per pallet.

Alternatively, panels can be stacked vertically as demonstrated in the picture. This stacking requires a timber support in the centre for support and to prevent breakages.



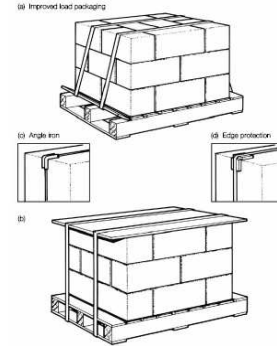
### Securing the concrete posts

Shrink or stretch wrapping the load usually provides greater security, minimising the possibility of movement of the posts during transit. Although, pallet strapping can also be used.



## Stacking

When palletised loads of posts can be stacked directly on top of each other you must ensure there is a firm base on the floor and on top of the preceding pallet to prevent damage to the posts. You should not exceed 3 pallets at a time stored in this way. Adequate clearance should be allowed at the side and rear of each individual stack



## Empty pallets

All pallets should be inspected every time they are used to ensure they are in a safe condition.

Empty pallets should be handled by appropriate means and not dragged or thrown down (as diagram below). They should not be handled by the wedging of the platform of a sack barrow between top and bottom deck boards.

Care should be exercised when using strapping to secure the load to pallets as damage may be caused if excessive tension and/or incorrect strap positions are used.

