



BISON PRECAST

a Forterra brand

GUIDANCE NOTE

Stacking of beams - 20 August 2018

This guidance note is aimed at giving advice to hauliers when offloading beams and to site if stacks of beams have to be moved. To avoid deflection issues with beams it is important for the timber bearers to line through and for them to be positioned 300mm from the end as shown in figure 1 Failure to comply with these requirements will result in excessive camber of the beams which may render them unusable and will result in rejections / claims. Figure 2 and 3 show examples of poorly stacked beams and the consequence.

In addition, when handling beams there is a maximum lift of two stacks at any one time to mitigate over stressing the bottom lift. Failure to comply with this requirement can result in stress cracks along the top surface of the beam and excessive camber with possible rejections.

Operatives should take into account the terrain when handling beams and adjust their speed accordingly. Transiting across rough ground should be avoided.

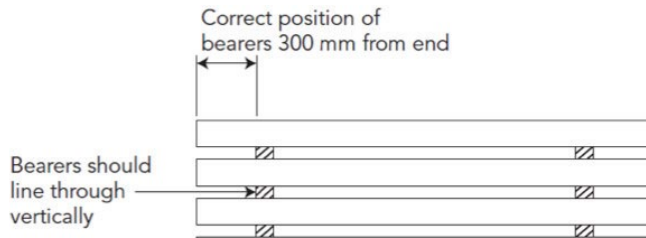


Figure 1 – Correct stacking method



Figure 2 – Poorly stacked beams



Figure 3 – Poorly stacked beams resulting in severe camber on bottom of stack