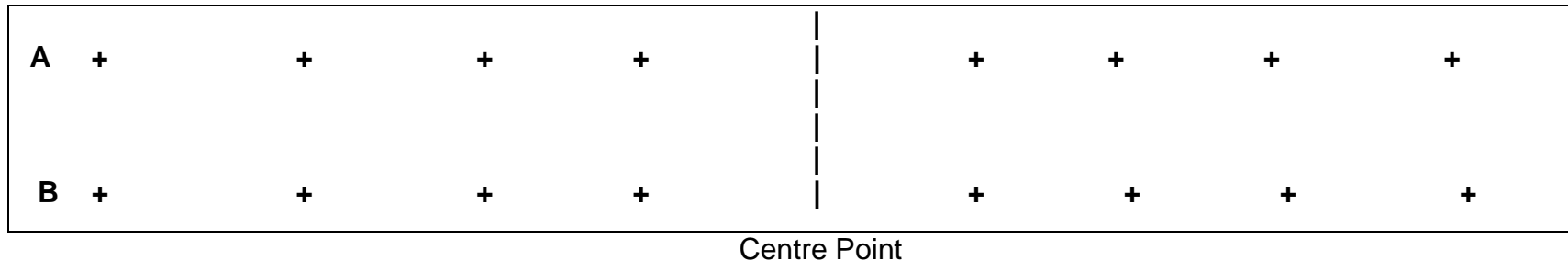


## **FITTING JOIST SPLICE PLATES – for Domestic Floor Loads only.**

1. Temporarily support the floor area to be worked on.
2. Cut back the decayed joist end to sound timber. Ensure that the face is square.
3. Apply Boron Gel to the cut joist end to prevent further fungal/insect attack.
4. Clean out the joist socket and if necessary make good to level.
5. Temporarily position the plates and mark the position for the screws ensuring easy access.
  - The screws should be in two rows a minimum of 20mm down from the top edge (row A) and 30 mm up from the bottom edge of the plate (row B).
  - The screws in each row should be between 100mm to 130mm apart. Stagger the position of the screws on opposite plates to avoid screws touching. (Small Joist Plates minimum of 12 screws per plate, Medium Joist Plates minimum of 16 screws per plate, Large Joist Plates minimum of 20 screws per plate).

### **Marking Joist Splice Plate Screws**



9. Clamp the plates in position with the replacement timber (ensuring that the timber faces butt firmly together) and fix permanently with the self drilling screws.
10. Remove the temporary support and make good the floor.
11. Bolts and washers can be added, if particularly heavy loads are anticipated.