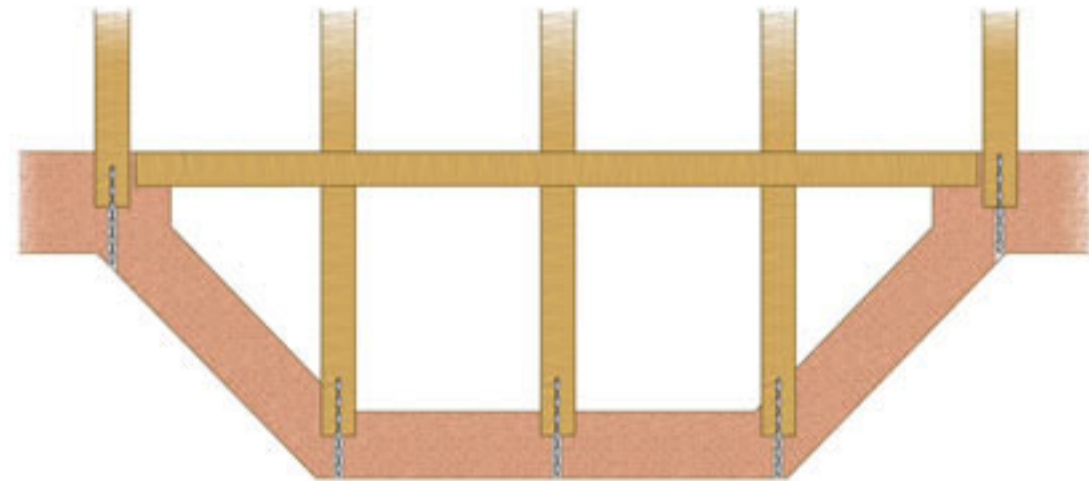


Bay Window Restraint Scheme using Thor L.R.T Ties or Thor Drive Restraint Ties

Method Statement

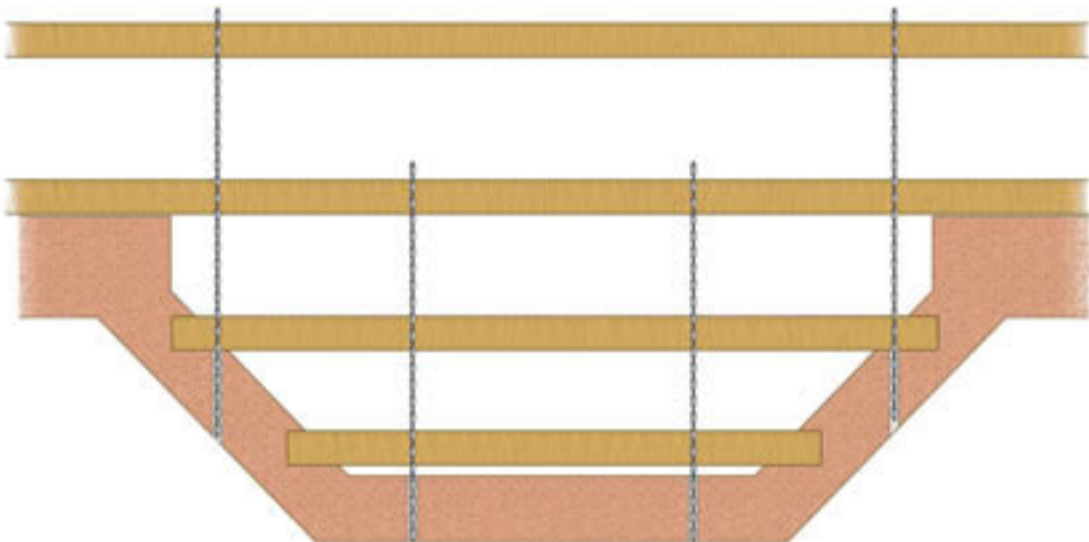
Floor joists perpendicular to the bay front

1. Mark the positions of the ends of the floor joists on the external brickwork and drill 12mm dia. clearance holes through the brickwork and remove all dust.
2. Insert the Thor Drive Fix Restraint Tie into the tie support tool attached to an SDS hammer drill. Fire the tie home into the end of the joist to a depth of approx. 75mm.
3. Insert the resin stop sleeve over the tie end and push the stop 90mm into the brickwork.
4. Tensile load testing can be carried out at this stage if required.
5. Load the Thor Poly Resin into the applicator gun and attach the mixer nozzle and extension tube
6. Inject the Thor Poly Resin over the end of the tie to completely fill the hole. If required, finish resin back from face of brickwork to allow application of a colour matched mortar.



Floor joists parallel to the bay front

7. Mark the fixing positions of the Thor LRT fixings and lift the floorboards in the associated area and check for services (e.g. gas, electric, water, data cabling etc.) and other obstructions. Adjust fixing positions as necessary.
8. Drill a 12mm clearance hole through the masonry to hit the centre third of the joist and remove all dust.
9. Screw the Thor LRT key onto the correct length Thor LRT fixing and insert into an SDS drill.
10. With an operative inside viewing and assisting the fixing of the restraint, drive the restraint in (rotation only) slowly winding through the joists as specified to leave the end of the tie recessed 10-15mm into the masonry.
11. Insert the resin stop sleeve over the tie end and push the stop 90mm into the brickwork.
12. Tensile load testing can be carried out at this stage if required.
13. Load the Thor Poly Resin into the applicator gun and attach the mixer nozzle and extension tube
14. Inject the Thor Poly Resin over the end of the tie to completely fill the hole. If required, finish resin back from face of brickwork to allow application of a colour matched mortar.



SPECIFICATION NOTES

- The following criteria are to be used unless specified otherwise:
- A. Masonry is to be secured to every joist end.
 - B. Horizontal spacing of Thor LRT ties should not exceed 600mm.

RECOMMENDED TOOLING

- A. 2.5kg SDS hammer drill
- B. Drill bits of appropriate diameters and lengths
- C. Thor LRT key
- D. Thor Poly resin applicator gun and extension tubes

General Notes

These notes are for general use only. Should these notes not apply to your specific project, please consult the Thor Helical Remedial Technical Support Team on 0870 6006164. Thor Helical Remedial are able to offer a full project design service by either our in house design team or our National network of Approved installers. In most instances this service is provided free of charge. Projects completed by our network of approved installers offer the benefit of a fully underwritten insurance backed guarantee.