

# Restraining a Bowed Wall internally using Thor Drive Fix Ties

TRB  
06

## Method Statement

1. Drill the pilot holes through both sides of the joists and into the masonry at an angle of approx 45°.
2. Install the Drive Fix Ties into the pre-drilled pilot holes using the Drive Fix Installation Tool.

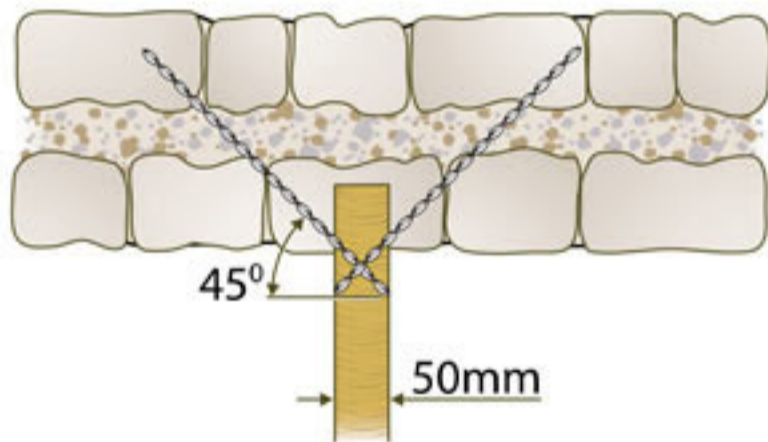
## SPECIFICATION NOTES

The following criteria are to be used unless specified otherwise:

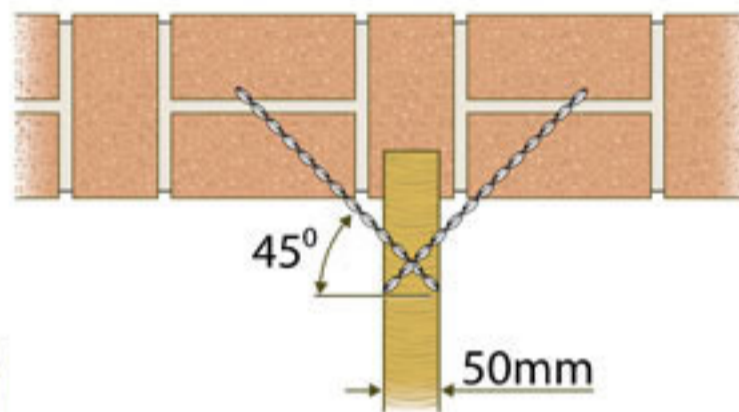
- A. Thor Drive Fix Ties should be installed at an angle of 45° with 2 fixings to each joist.
- B. Masonry is to be secured to every joist end.
- C. The required diameter and penetration depth for the Thor Drive Fix Tie pilot hole will depend on the wall material.
- D. This detail should only be used where the restraint fixings can't be installed from the external face (e.g. lack of access).

## RECOMMENDED TOOLING

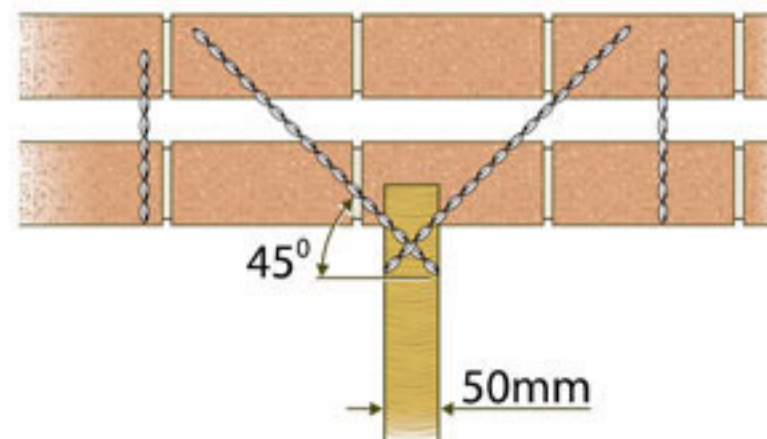
- A. 2.5kg SDS hammer drill.
- B. Thor Drive Fix Tie installation tool and pilot drill of the correct diameter.



RUBBLE FILLED WALL



SOLID WALL



CAVITY WALL

## 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.