



insofast[®]

secure in the knowledge

CI / SfB

Xt6

June 2011

RETROFIT LATERAL
RESTRAINT TIES



ISF LRTie



insofast®

secure in the knowledge

RETROFIT LATERAL RESTRAINT TIES

Quick guide

- RESTRAINS AND STRENGTHENS BULGING WALLS
- SECURES FAÇADE WALLS TO STRUCTURAL TIMBERS
- ROBUST AND RELIABLE PERFORMANCE
- EFFECTIVE UNDER TENSION & COMPRESSION
- CORROSION FREE STAINLESS STEEL
- RAPID COST-EFFECTIVE INSTALLATION
- MINIMAL DISTURBANCE TO OCCUPANTS



Description

Insofast lateral restraints are used to tie the external walls of a building to internal timber joists or studs to secure bulging walls and prevent further movement or buckling of the masonry façade.

Each stainless steel tie has an integral wood drill shaped on its leading end for forming a pilot hole into softwood. The tie simply screws into consecutive floor joists or studs. The tie is secured to the masonry façade using a resin injection system.

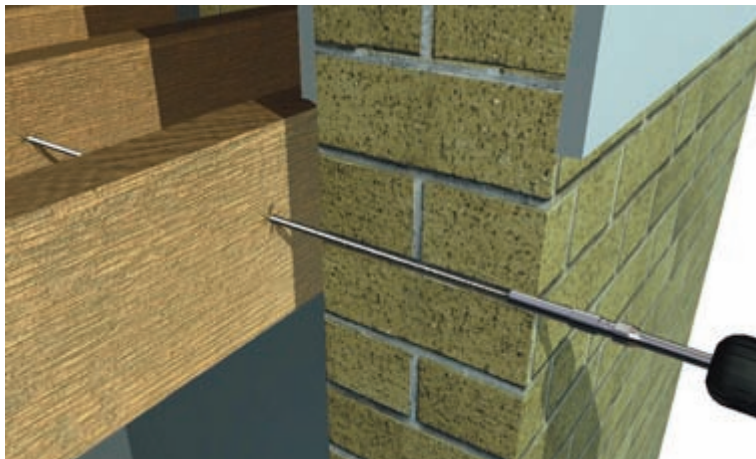
Benefits

Lateral Restraint ties are installed from outside the property with minimal disturbance. There is no need to move furniture, lift floors, and remove wall plaster or to fit straps.

Simply raise a small number of floorboards to determine the position of joists and services. Power-driven ties connect 2-3 joists to the masonry via a 14mm hole in the outside wall. Installation is quick, easy and discrete.

Product Specification

Product	LR Tie - 8mm
Material	Stainless steel (304)
Tensile Strength	700kN/mm ²
Typical Tensile Load/ Tie6.1kN	6.1KN
Available Lengths:	1m, 1.2m, 1.5m & 2m



Installation Notes

Ensure installation is away from electrical or plumbing services. Drill 14mm hole horizontally through façade Using LRT setting tool, attached to the drill, wind lateral restraints through two or three consecutive structural timbers. Pump polyester or epoxy resin around outer end of tie to secure it to the masonry façade.

Insofast Limited
Windmill Hill Business Park, Whitehill Way,
Swindon, SN5 6QR
www.insofast.co.uk

distributor sales

0845 308 7007

email

sales@insofast.co.uk