

Installation Guide

TeploTie Remedial Wall Tie

This plain-ended basalt fibre wall tie can be resin-fixed in remedial and retrofit applications. This tie has a thermal conductivity of only 0.7W/mK when used without a stainless steel sieve.

Installation Procedure

- Using a masonry drill bit of the correct diameter (see table below), drill through the external leaf (with drill angled slightly upward) until you reach the cavity void.

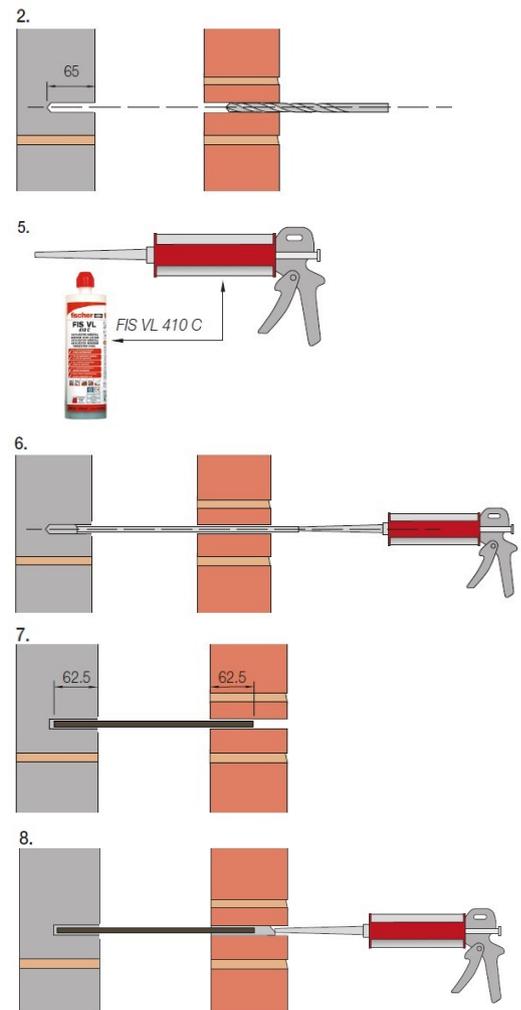
TeploTie Range

Cavity Widths (mm)	Tie Lengths (mm)	TeploTie Diameter (mm)	Hole Diameter (mm)
126-200	275, 300, 325	6	8
201-300	350, 375, 400, 425	7	10

Note: For applications outside those shown above, please contact us.

- With the tip of the drill bit touching the inner leaf, set the depth gauge on the drill to 65mm. Drill a hole into the inner leaf to a depth of 65mm (if the inner leaf is blockwork, the hammer action should be turned off).
- Ensure both holes are free from debris using either brush or blow bulb.
- Check the cavity width at regular intervals to ensure the correct tie length is used (see table above for guidance).
- Fit a FIS VL 410 C resin cartridge into a resin gun and fix an extension nozzle to the standard mixing nozzle supplied. Depress the trigger until the resin passes through the mixing nozzle. Continue until the resin comes out an even grey colour and release the pressure.
- Insert the extended nozzle to the back of the prepared hole in the inner leaf. Activate the trigger and completely fill the hole in the inner leaf. Release the pressure on the resin gun to avoid wastage.
- Insert the TeploTie2 into the resin ensuring it is pushed all the way to the back of the hole. Ensure the tie achieves a minimum embedment depth of at least 62.5mm in each leaf.
- Remove the extended nozzle and fill the aperture in the external leaf with the standard nozzle, ensuring the tie is completely surrounded by resin.
- Allow the resin to cure.
- Make good the outer brick using colour matched mortar or mastic (resin manufacturer's technical data should be checked for exact gel time).

Note: A stainless steel sieve may be used to retain resin and is particularly useful in perforated brick or hollow blockwork. A 12mm hole is required to fit the sieve



The Construction applications and details provided in this guide are indicative only. In every case installation should be entrusted to appropriately qualified and experienced persons. Normal handling precautions should be taken to avoid physical injury. The company cannot be held responsible for any injury as a result of using our products, unless such injury arises as a result of our negligence.

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