

FASTIE



The FASTIE provides an excellent fixing to brick and stone masonry, with low stresses transmitted to the base material by PVC expanders during setting of the tie. The Fastie has been used in materials with a compressive strength of only 5N/mm². This versatile remedial wall tie also works well in concrete and dense strong blockwork.

The Fastie is manufactured from A2, 300 series, austenitic stainless steel with PVC expansion elements to both inner and outer leaves of the cavity wall. Both expanders are independently set using a pre-set torque wrench and special setting tools. The tie is supplied and can be installed fully assembled for quick and easy application. The inner leaf connection can be tested prior to setting the outer leaf expander.

The Fastie complies with BRE digest 329/401, CIRIA 117 and DD140 for remedial wall ties systems.

THE BENEFITS

- Corrosion resistant
- Quick and easy to install
- Reliable and economical
- Low point loading
- Independent setting in each leaf
- Low torque setting
- Accommodates most wall materials
- Manufactured to BS EN ISO 9000
- M6 thread-high buckling strength
- 12mm hole – neat appearance

TECHNICAL INFORMATION

SPECIFICATIONS:

Material A2, 300 series,
Austenitic Stainless Steel
Expanders 12mm diameter PVC to
BS2848

The PVC is impervious to mould
growth, drying or shrinking and
resists chemical attack.

Thread diameter of Rod M6

ACCESSORIES:

99040 Threaded Setting Tool
99041 Hex Setting Tool
96825 Fixed Head Torque Wrench

TORQUE SETTING:

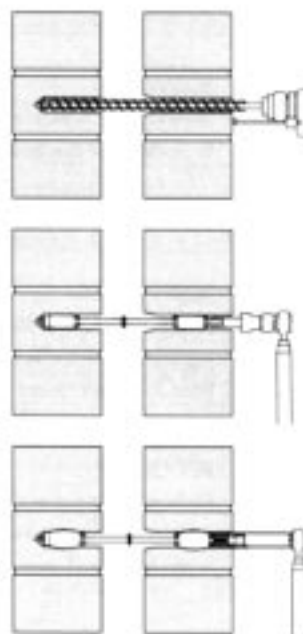
6.8Nm (5lb.ft)

NOTE: Drill bits to conform to
DIN 8035

FASTIE SPECIFICATIONS

Code	Drill Ø mm	Tie length mm	Nominal cavity width mm	Ultimate kN		
				Concrete	Brick 15N/mm	Block >7N/mm
95401	12	200	45 – 70	6.5	5	4
95402	12	225	70 – 95	6.5	5	4
95403	12	255	100 – 120	6.5	5	4

APPLICATION METHOD



DRILL

Drill 12mm diameter hole in brickwork within 10° upwards, setting depth gauge on drilling machine to give between 55-65mm minimum hole depth in inner leaf.

SET INNER

Blow out hole, screw threaded setting tool (99040) on to M6 thread on tie and insert the tie to full depth of hole in inner leaf. Tighten inner expander with pre-set torque wrench (96825). Remove setting tool.

SET OUTER

Fit hex setting tool (99041) on to torque wrench (96825) and set outer expander by tightening nut until pre-set torque is reached. Seal outer brick with colour matching mortar.