



WSTC is a screw in cavity wall starter tie suitable for connecting a new leaf of masonry to an existing structure.

[UK-DoP-h14/0007](#)

FEATURES

Material

- Wall Tie: Austenitic Stainless Steel
- Wall plug: Nylon
- O Ring: Neoprene



APPLICATIONS

Applications

- Inner leaf walls for existing structures such as barn conversions.

TECHNICAL DATA

WSTC Performance Values

References	Cavity Width [mm]	Tensile Strength [N]	Tensile Strength: 1mm Displacement [N]	Compressive strength [N]	Compressive Strength: 1mm Displacement [N]
WSTC180	50 - 75	1560	1150	2250	1860
WSTC200	76 - 100	1560	1150	2250	1860
WSTC230	101 - 125	1560	1150	2250	1860

INSTALLATION

Installation

- Tie should be fixed into brickwork, blockwork or stone.
- Tie must be installed horizontally.
- Position the tie so that the mortar end is located in the bed joint of the new leaf of brickwork or blockwork.
- Drill a hole for the wall plug (diameter 10 x 45mm) and insert the nylon wall plug.
- Slide the neoprene 'O' ring onto the tie and screw into the plug.
- Build the tie into the new leaf of brickwork or blockwork, ensuring that it is surrounded by mortar.