



The WSTC is a screw-in cavity wall 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]	Dimensions [mm]			Characteristic Capacity [N]			
		L	T _L	t	Tension		Shear	
					Ultimate [N]	1mm Serviceability	Ultimate [N]	1mm Serviceability [N]
WSTC180	50 - 75	180	38	Ø5	1560	1150	2250	1860
WSTC200	76 - 100	200	38	Ø5	1560	1150	2250	1860
WSTC230	101 - 125	230	38	Ø5	1560	1150	2250	1860

INSTALLATION

Installation

- Tie should be fixed into brickwork, blockwork or stone
- Tie must be installed horizontally
- Drill a hole for the wall plug (Ø10 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 blockwork ensuring that it is surrounded by mortar