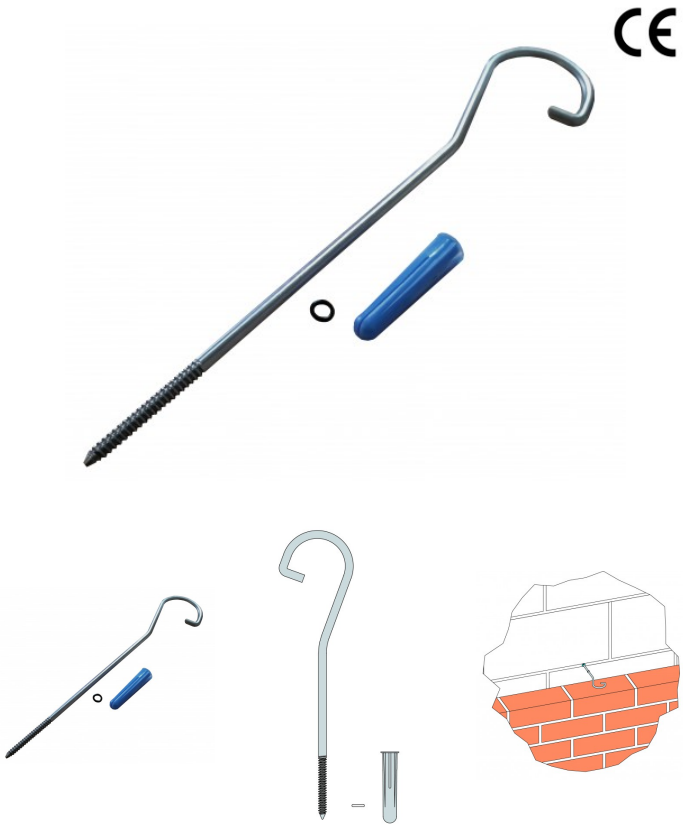
Technical data sheet

WSTC
Stainless Steel Cavity Wall Tie

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

- *Supplied with nylon wall plug and neoprene 'O' ring*
- *Suits cavities 50 to 125mm*
- *CE marked to EN845-1:2013*



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]				
					Tension		Shear		
		L	T_L	t	1mm Serviceability	Ultimate [N]	1mm Serviceability [N]	Ultimate [N]	Compressive Strength at 1mm Displacement [N]
WSTC180	50 - 75	180	38	Ø5	1150	1560	1860	2250	1011
WSTC200	76 - 100	200	38	Ø5	1150	1560	1860	2250	1011
WSTC230	101 - 125	230	38	Ø5	1150	1560	1860	2250	1011

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

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