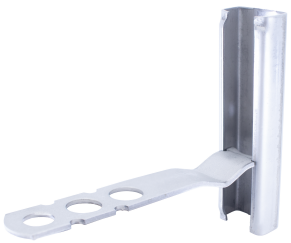
Technical Sheet

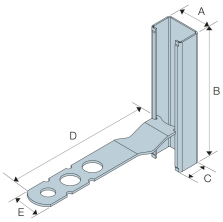
HMBTS
High Movement Timber Frame Tie

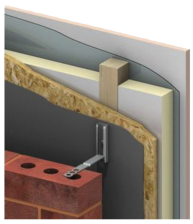
The HMBTS type 7 timber frame wall tie is designed to connect the masonry outer leaf to a structural timber frame.

- Available is a range of sizes to suit cavities from 50mm to 150mm.
- The HMBTS can accomodate up to 65mm of vertical movement.
- Type 7 wall tie used in instances where the amount of required deflection exceeds that of the standard type 6 wall tie.









Features

General Information

- Type 7 wall tie used in instances where the amount of required deflection exceeds that of the standard Type 6 wall tie.
- Available in a range of sizes to suit cavities from 50mm to 100mm.
- The HMBTS can accommodate up to 65mm of vertical movement
- CE Marked in accordance to EN845-1

Material

Austenitic Stainless Steel

Technical Sheet

HMBTS
High Movement Timber Frame Tie

Technical Data

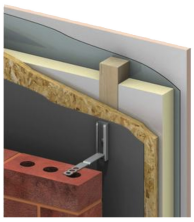
Product Dimensions & Performance Values

Reference	Connector Dimensions						Masonry capacity	
	Header dimensions	Product Dimensions[mm]					Characteristic Capacity[N]	
	Cavity Width[mm]	A[mm]	B[mm]	C[mm]	D[mm]	E[mm]	Declared Compressive Strength[N]	Ultimate Tensile Strength
HMBTS50N	50	24	90	16	115	19	970	1210
HMBTS75N	75	24	90	16	130	19	970	1210
HMBTS100N	100	24	90	16	150	19	970	1210
HMBTS150N	150	24	90	16	200	19	970	1210

Installation

Installation

- HMBTS is installed with the M6x50mm Stainless Steel Coach Screw (supplied)
- The channel is to be positioned onto the timber frame so that the coach screw is installed through the OSB sheathing and into the timber frame stud.
- Position the HMBTS so that when the tie is installed it sits 10mm to 12mm from the bottom of the channel.
- The density of ties required for the building is to specified by the buidling designer / structural engineer



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