

Technical Data Sheet

Multi-Fixx Roofing & Cladding Screw

A single-product solution for fixing to both timber and light gauge steel, Multi-Fixx screws feature a special drill point and thread combination that has been designed for fast installation with low drive torque. Heavy duty 5/16" hex head for secure socket engagement fitted with a high quality UV and weather resistant EPDM washer seal.

High thread feature to secure roof sheet crest. Superior anti-corrosion coating for improved drilling performance and suitability for use in Category 4 and 3 corrosive environments as described in ISO 9223-2012 and AS4312-2008.



Product Range

SIZE GAUGE-TPI x LENGTH	DRILL CAPACITY	HEAD	THREAD LENGTH	PACK QTY	PART NUMBER		
					CLASS 3	CLASS 4 WITH SEAL	CLASS 4 PAINTED
M6-11 x 25mm	2mm	5/16" HEX	Full	1000*		SDN4M6025-MF	SDN4M6025-MF-P
12-11 x 40mm	2mm	5/16" HEX	Full	1000*	SDH312040-MF		
M6-11 x 50mm	2mm	5/16" HEX	29mm + Hi-Grip	1000*		SDN4M6050-MF	SDN4M6050-MF-P
M6-11 x 65mm	2mm	5/16" HEX	43mm + Hi-Grip	1000*		SDN4M6065-MF	SDN4M6065-MF-P

*Also available in trade pack of 100pcs per pack.

Installation

Use a variable speed screw driver fitted with a 5/16" hex socket. Set screw driver to 1,800rpm. Fit the screw head to the socket and push the drill point of the screw onto the surface you are drilling into. Start the drilling process while applying slight vertical pressure on the screw. Be careful not to overtighten towards the end of the drilling process. The use of impact drivers for the installation of Multi-Fixx screws is not recommended.

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Pull-Out Values - Steel

PART NUMBER	MATERIAL THICKNESS (mm)	PULLOUT VALUES* (kN)
SDN4M6050-MF	0.48 BMT	1.25
SDN4M6050-MF	0.55 BMT	1.31
SDN4M6050-MF	0.75 BMT	2.33
SDN4M6050-MF	1.00 BMT	3.00

*The above figures are averaged failure load. They are to be used as a guide only and an appropriate safety factor must be applied to determine recommended working loads.

Pull-Out Values - Timber

PART NUMBER	MATERIAL (35mm EMBEDMENT)	PULLOUT VALUES* (kN)
SDN4M6050-MF	MGP10 (Pine)	6.24
SDN4M6050-MF	F17 (Hardwood)	6.33

*The above figures are averaged failure load. They are to be used as a guide only and an appropriate safety factor must be applied to determine recommended working loads.

Mechanical Data

PART NUMBER	SINGLE SHEAR STRENGTH* (kN)	TORSIONAL STRENGTH* (Nm)
SDN4M6050-MF	7.97	14.97

*The above figures are averaged failure load. They are to be used as a guide only and an appropriate safety factor must be applied to determine recommended working loads.

Material Data

Steel:	SAE1022
Surface Hardness:	530 HV (min)
Core Hardness:	400 HV (max)
Corrosion Resistance:	Class 3 coated product range for use in ISO 9223 C3 category environments Class 4 coated product range for use in ISO 9223 C4 category environments

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