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PRODUCT DATASHEET

BI-METAL STITCHING TEK SCREW



Product Details

Designed for: *Stitching cladding panels*
 Head style: *Hexagonal*
 Drive bit: *5/16" hexagonal*
 Thread form: *Twin*
 Shank material: *Stainless steel*
 Material grade: *AISI A304*
 Coating: *500hr Evoshield®*
 Recommended drill speed: *1500 – 2500 RPM*

Bi-metal stitching tek screw range

Product Code	Size	Drill point	Effective thread length	Drilling Capacity	Washer	Steel thickness
BMTSFHR6.3-22.2	6.3x22mm	Tek 2	15.0mm	0.8 – 2.5mm	16mmø bonded EPDM	0.8 – 2.5mm
BMTSFHR6.3-35-2	6.3x35mm	Tek 2	30.0mm	0.8 – 2.5mm	16mmø bonded EPDM	0.8 – 2.5mm
BMTSFHR6.3-50-2	6.3x50mm	Tek 2	45.0mm	0.8 – 2.5mm	16mmø bonded EPDM	0.8 – 2.5mm

Technical Data

Hardness Rating (Vickers scale)		
Diameter	Surface Hardness	Core Hardness
6.3mm	575.4 HV0.3	460.0 HV0.3

Unfactored Mechanical Performance		
Diameter	Tensile Strength	Shear Strength
6.3mm	8.7kN	6.2kN

Bi-metal stitching screw – unfactored pull out values				
Diameter	Drill point	Steel thickness		
		1.2mm	1.5mm	2.5mm
6.3mm	Tek 2	1.8kN	3.2kN	5.2kN

NOTE: The results expressed in the datasheet are taken as mean loads from a range of empirical tests and are ultimate unfactored loads. Each specifier or end user should make his/ her own decision on what safety factors to use relevant to their design application (such as BS 5950, EN 1991, etc).

Errors and Omissions Excepted.

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