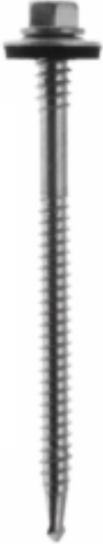




Evolution Fasteners (UK) Ltd
 Units 2A & 2B Clyde Gateway Trade Park
 Dalmarnock Road, Rutherglen, Glasgow G73 1AN
 Tel: +44 (0)141 647 7100 / Fax: +44 (0)141 647 5100
 Email: technical@evolutionfasteners.co.uk



www.evolutionfasteners.co.uk



PRODUCT DATASHEET

A4 BI-METAL COMPOSITE PANEL FASTENER

Product Details

Designed for: *Fastening to aluminium sheeting and panels*
 Head style: *Hexagonal*
 Drive bit: *5/16" hexagonal*
 Thread form: *Twin, high thread*
 Drill Point: *Tek 3*
 Material grade: *A4 stainless steel*
 Coating: *Electroplated zinc*
 Washer: *Bonded EPDM*

A4 range – for light steel

Product code	Size	Insulation Thickness Range	Drilling Capacity	Recommended drill speed	Washer Diameter
A4BMHT105-3	5.5 x 105mm	35 - 85mm	1.2 - 3.5mm	1500-2500 RPM	16mm
A4BMHT135-3	5.5 x 135mm	45 - 115mm	1.2 - 3.5mm	1500-2500 RPM	16mm
A4BMHT150-3	5.5 x 150mm	60 - 130mm	1.2 - 3.5mm	1500-2500 RPM	19mm
A4BMHT185-3	5.5 x 185mm	95 - 165mm	1.2 - 3.5mm	1500-2500 RPM	19mm

Technical Data

Hardness Rating (Vickers scale)		
Diameter	Surface Hardness	Core Hardness
5.5mm	383.5 HV0.3	318.6 HV0.3

Ultimate Mechanical Performance		
Diameter	Tensile Strength	Shear Strength
5.5mm	12.3kN	9.9kN

Tek 3 range – Unfactored pull out values							
Diameter	Drill Point	Steel Thickness					
		1.2mm	1.6mm	2.0mm	2.5mm	3.0mm	4.0mm
5.5mm	Tek 3	1.8kN	2.0kN	2.4kN	3.3kN	4.4kN	6.1kN

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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