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# PRODUCT DATASHEET

## FIBROUS CEMENT BOARD SCREW

### Product Details

Designed for:	<i>Fixing fibrous cement sheets to timber.</i>
Head Style:	<i>Hexagonal</i>
Drive Bit:	<i>5/16" Hexagonal</i>
Drill Point:	<i>Gash point</i>
Thread Form:	<i>Single</i>
Coating:	<i>500hr rated Evoshield® coating</i>
Shank Material:	<i>Carbon steel</i>
Material Grade:	<i>AISI C1022</i>
Effective Thread Length:	<i>Fully threaded</i>
Recommended Drill Speed:	<i>1,500 - 2,500 RPM</i>
Steel Thickness:	<i>0.5mm - 1.5mm</i>

### Fibrous Cement Board Screw Range

Product Code	Size	Box Qty	Carton Qty	Washer
SSDH6.3-130-GP	6.3 x 130mm	100	800	Baz washer
SSDH6.3-110-3	6.3 x 110mm	6	100	Baz washer
SSDH6.3-130-3	6.3 x 130mm	6	100	Baz washer

### Technical Data

Ultimate Pull Out Loads (kN) in C16 Timber				
Diameter	Point Style	Embedment Depth		
		15mm	30mm	50mm
6.3mm	Type 17	1.9kN	2.7kN	3.2kN

Ultimate Mechanical Performance			
Diameter	Tensile Strength	Shear Strength	Torque
6.3mm	15.0kN	9.0kN	12.0kN

Hardness Rating (Vickers scale)		
Diameter	Surface Hardness	Core Hardness
6.3mm	450HV	270HV

**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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# ABOUT OUR TESTING



All test results were derived from empirical testing performed by ETAS (Evolution Testing & Analytical Services), a UKAS (United Kingdom Accreditation Service) accredited testing laboratory (Accreditation No. 7485). The following tests were performed to the following standards.



7485

## Testing Procedures

Test/ Parameter	Standard/ Method/ Procedure
Ultimate Tensile	<b>ISO 6892-1: 2009</b> "Metallic materials – tensile testing – Part 1: Method of test at room temperature".
Ultimate Shear	<b>MIL-STD-1312-13</b> "Military Standard: Fastener test method (Method 13) Double shear test".
Pull Out (Withdrawal Force)	<b>EN 14566: 2009</b> "Mechanical fasteners for gypsum plasterboard systems. Definitions, requirements and test methods".
Pull Over	<b>EN 14592: 2008</b> "Timber structures. Dowel type fasteners. Requirements".
Hardness	<b>ISO 650 7-1: 2005</b> "Metallic materials – Vickers hardness test – Part 1: Test method".
Corrosion Resistance	<b>EN ISO 9227: 2012</b> "Corrosion tests in artificial atmospheres. Salt spray tests".
Drilling Time Test	<b>EN 14566: 2009</b> "Mechanical fasteners for gypsum plasterboard systems. Definitions, requirements and test methods".

### Laboratory Contact Details

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