



PRODUCT DATASHEET

CEMENTITIOUS BOARD SCREW

PRODUCT DETAILS

Purpose:	Fixing cementitious and other dense boards to timber and metal substrates
Head style:	Double countersunk with nibs
Recess type:	Phillips No. 2
Thread type:	Patent (pending) Evolution Universal Thread
Material:	Carbon steel C1022
Coating:	EvoShield® 1,000Hr

Self Countersinking Cement Board Screw

Product Code	Size	Drill Point	Effective Thread Length	Drilling Capacity	Recommended Drill Speed
WHX32	4.2 x 32mm	Tek 2	22.0mm	0.6 - 2.5mm	1500-2500 RPM
WHX42	4.2 x 42mm	Tek 2	32.0mm	0.6 - 2.5mm	1500-2500 RPM
WHX60	4.2 x 60mm	Tek 2	50.0mm	0.6 - 2.5mm	1500-2500 RPM
WHX80	4.2 x 80mm	Tek 2	60.0mm	0.6 - 2.5mm	1500-2500 RPM
WHX100	4.2 x 100mm	Tek 2	60.0mm	0.6 - 2.5mm	1500-2500 RPM

Technical Data

Unfactored pull out values (metallic substrate)

Nominal diameter	Drill Point	Steel Thickness		
		1.2mm	1.8mm	2.5mm
4.2mm	Tek 2	1.6kN	1.9kN	3.8kN

Characteristic withdrawal values (kN) from C16 grade timber

Nominal diameter	Drill Point	Embedment depth		
		15.0mm	30.0mm	50.0mm
4.2mm	Tek 2	1.25kN	1.86kN	2.52kN

Hardness Rating (Vickers scale)

Diameter	Surface Hardness	Core Hardness
4.2mm	553.6HV	414.0HV

Ultimate Mechanical Performance

Diameter	Tensile Strength	Shear Strength
4.2mm	6.9kN	5.0kN

NOTE: The results expressed in this document are determined from empirical testing. Specifiers, end-users and other third parties should make their own decision(s) on what safety factors to use relevant to their design(s)/ application(s). This document is provided, strictly: without prejudice, without recourse, without liability, non-assumptions, no assured value, errors and omissions excepted, subject to change without notice and all rights reserved.

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