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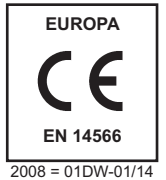


PRODUCT DATASHEET

PAN HEAD SELF DRILL DRYWALL SCREW

Product Details

Designed for: *The assembly of drywall track and ceiling track systems*
 Head style: *Pan head*
 Drive bit: *Phillips 2*
 Thread form: *Single*
 Coating: *Electroplated zinc*
 Shank material: *Carbon steel*
 Material grade: *AISI C1022*



Pan Head Self-Drill Drywall Screw

Product Code	Size	Drill Point	Drilling Capacity	Recommended drill speed	Effective Thread Length
PHSDZ12	3.9 x 12mm	Tek 1	0.8mm – 2.5mm	1500-2500 RPM	8.0mm

Technical Data

Hardness Rating (Vickers scale)		
Diameter	Surface Hardness	Core Hardness
3.9mm	609.0HV	480.0HV

Ultimate Mechanical Performance	
Diameter	Shear Strength
3.9mm	8.57kN

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.



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

Laboratory Contact Details

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