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PRODUCT DATASHEET

COLLATED FINE THREAD DRYWALL SCREW (PHOSPHATE)



Product Details

Designed for: Fixing plasterboard to metal studs up to 1.0mm
 Head style: Bugle
 Drive bit: Phillips 2
 Drill point: Super sharp point
 Thread form: Single thread, fine
 Coating: Black phosphate
 Shank material: Carbon steel
 Material grade: AISI C1022
 Recommended Drill Speed: 2,000 - 3,000 RPM
 Effective thread length: Fully threaded



Fine Thread Collated Drywall range

Product Code	Size	Carton Qty	Box Qty	Fixture thickness
CDWFP25	3.5 x 25.0mm	10,000	1,000	15.0mm
CDWFP32	3.5 x 32.0mm	10,000	1,000	22.0mm
CDWFP35	3.5 x 35.0mm	10,000	1,000	25.0mm
CDWFP42	3.5 x 42.0mm	10,000	1,000	32.0mm
CDWFP45	3.5 x 45.0mm	10,000	1,000	35.0mm
CDWFP50	3.5 x 50.0mm	10,000	1,000	40.0mm
CDWFP55	3.5 x 55.0mm	10,000	1,000	45.0mm
CDWFP3955	3.9 x 55.0mm	10,000	1,000	45.0mm

Technical Data

Ultimate Mechanical Performance			
Diameter	Tensile Strength	Shear Strength	Torque Strength
3.5mm	1.4kN	0.8kN	2.7kN

Hardness values
Surface hardness
550.0HV

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

Laboratory Contact Details

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