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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	<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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