

product datasheet

collated coarse thread drywall screw (phosphate)



www.evolutionfasteners.co.uk



Fine thread screws have diminished holding power as wood dries.



Evolution coarse thread drywall screws have fewer threads so require fewer revolutions meaning faster installation. They also have deeper threads for superior holding power.

Fibres are pulled up during installation. As wood dries the natural tendency of wood fibres is to spring back to their original position. Wood pulls the screws inwards, eliminating 'head pops'.

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Designed for:	Fixing plasterboard to timber studs.
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
Effective Thread Length:	Fully threaded
Recommended Drill Speed:	2,000 - 3,000 RPM
Steel Thickness:	0.5mm - 1.0mm

IMPORTANT APPLICATION ADVICE

On rare occasions black phosphate screw coatings can react with some render types, which can damage the coating resulting in corrosion and staining.

To reduce the risk of this happening Evolution recommends sealing the drywall screw heads with a PVA bonding solution before render is applied.

Collated Coarse Phosphate Drywall Range				
Product Code	Size	Box Qty	Carton Qty	Fixture Thickness
CDWCP25	3.5mm x 25mm	1,000	10,000	8mm
CDWCP32	3.5mm x 32mm	1,000	10,000	12mm
CDWCP35	3.5mm x 35mm	1,000	10,000	15mm
CDWCP38	3.5mm x 38mm	1,000	10,000	18mm
CDWCP42	3.5mm x 42mm	1,000	10,000	20mm
CDWCP45	3.5mm x 45mm	1,000	10,000	22mm
CDWCP50	3.5mm x 50mm	1,000	10,000	25mm
CDWCP55	3.5mm x 55mm	1,000	10,000	30mm
CDWCP65	3.9mm x 65mm	500	5,000	45mm
CDWCP75	3.9mm x 75mm	500	5,000	55mm

Ultimate Mechanical Performance

Diameter	Tensile Strength	Shear Strength	Torque
3.5mm	1.4kN	0.8kN	2.7Nm
4.2mm	1.6kN	0.9kN	2.9Nm

Hardness Ratings (Vickers)

Diameter	Surface Hardness
3.5mm	550HV
4.2mm	550HV

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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