

# PRODUCT DATASHEET

## COLLATED COARSE THREAD DRYWALL SCREW (phosphate)



### PRODUCT DETAILS

Purpose:	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



### COLLATED COARSE PHOSPHATE DRYWALL RANGE:

CODE	SIZE	FIXTURE THICKNESS
CDWCP25	3.5mm x 25mm	8mm
CDWCP32	3.5mm x 32mm	12mm
CDWCP35	3.5mm x 35mm	15mm
CDWCP38	3.5mm x 38mm	18mm
CDWCP42	3.5mm x 42mm	20mm
CDWCP45	3.5mm x 45mm	22mm
CDWCP50	3.5mm x 50mm	25mm
CDWCP55	3.5mm x 55mm	30mm
CDWCP3925	3.9mm x 25mm	5mm
CDWCP3932	3.9mm x 32mm	12mm
CDWCP3935	3.9mm x 35mm	15mm
CDWCP3938	3.9mm x 38mm	18mm
CDWCP3942	3.9mm x 42mm	22mm
CDWCP3945	3.9mm x 45mm	25mm
CDWCP3950	3.9mm x 50mm	30mm
CDWCP3955	3.9mm x 55mm	35mm
CDWCP65	4.2mm x 65mm	45mm

### Ultimate Withdrawal Resistance, $N_{Rk}$ , from C16 Timber

Diameter (mm)	Timber Embedment Depth		
	25.0 mm	30.0 mm	40.0 mm
3.5	2,800 N	N/A	N/A
3.9	2,900 N	4,000 N	N/A
4.2	3,000 N	4,000 N	4,800 N
4.8	3,400 N	4,000 N	5,800 N

### 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.

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-assumpsit, no assured value, errors and omissions excepted, subject to change without notice and all rights reserved.

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