



Evolution Fasteners (UK) Ltd
 Units 2A & 2B Clyde Gateway Trade Park
 Dalmarnock Road, Rutherglen, Glasgow G73 1AN
 Tel: +44 (0)141 647 7100 / Fax: +44 (0)141 647 5100
 Email: technical@evolutionfasteners.co.uk



www.evolutionfasteners.co.uk



PRODUCT DATASHEET

FINE THREAD DRYWALL SCREW (PHOSPHATE)

Product Details

Designed for: *Fixing plasterboard to metal stud up to 1.2mm*
 Head style: *Bugle*
 Drive bit: *Phillips 2*
 Drill point: *Super sharp point*
 Thread form: *Twin thread, fine*
 Coating: *Black phosphate*
 Shank material: *Carbon steel*
 Material grade: *AISI C1022*



2008 = 01DW-01/14

Coarse thread phosphate coated drywall range

Product Code	Size	Effective thread length	Recommended drill speed	Fixture thickness
DWSP25	3.5 x 25.0mm	Fully threaded	4000 – 6000RPM	15.0mm
DWSP32	3.5 x 32.0mm	Fully threaded	4000 – 6000RPM	22.0mm
DWSP35	3.5 x 35.0mm	Fully threaded	4000 – 6000RPM	25.0mm
DWSP38	3.5 x 38.0mm	Fully threaded	4000 – 6000RPM	28.0mm
DWSP42	3.5 x 42.0mm	Fully threaded	4000 – 6000RPM	32.0mm
DWSP45	3.5 x 45.0mm	Fully threaded	4000 – 6000RPM	35.0mm
DWSP50	3.5 x 50.0mm	Fully threaded	4000 – 6000RPM	40.0mm
DWSP55	3.5 x 55.0mm	Fully threaded	4000 – 6000RPM	45.0mm
DWSP3925	3.9 x 25.0mm	Fully threaded	4000 – 6000RPM	15.0mm
DWSP3935	3.9 x 35.0mm	Fully threaded	4000 – 6000RPM	25.0mm
DWSP3945	3.9 x 45.0mm	Fully threaded	4000 – 6000RPM	35.0mm
DWSP3955	3.9 x 55.0mm	Fully threaded	4000 – 6000RPM	45.0mm
DWSP65	4.2 x 65.0mm	50.0mm	4000 – 6000RPM	55.0mm
DWSP4270	4.2 x 70.0mm	50.0mm	4000 – 6000RPM	60.0mm
DWSP75	4.2 x 75.0mm	50.0mm	4000 – 6000RPM	65.0mm
DWSP100	4.2 x 100.0mm	65.0mm	4000 – 6000RPM	90.0mm

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.



Technical Data

Ultimate pull out values		
Diameter	Point	Steel Thickness
		0.6mm
3.5mm	Super sharp point	0.7kN
3.9mm	Super sharp point	0.8kN
4.2mm	Super sharp point	0.8kN

Hardness Rating (Vickers scale)		
Diameter	Surface Hardness	Core Hardness
3.5mm	540.0HV	480.0HV
3.9mm	585.7HV	482.7HV
4.2mm	620.0HV	450.0HV

Ultimate mechanical performance		
Diameter	Tensile Strength	Shear Strength
3.5mm	5.6kN	4.3kN
3.9mm	7.8kN	6.2kN
4.2mm	8.4kN	7.0kN