



PRODUCT DATASHEET

BLACK PHOSPHATE SELF-DRILL DRYWALL SCREW

PRODUCT DETAILS

| | |
|---------------------------------|--|
| Purpose: | Fixing plasterboard to heavier gauge metal section (up to 2.5mm) |
| Head style: | Bugle |
| Thread Form: | Fine thread |
| Drive bit: | Phillips 2 |
| Drill point: | Self drill point |
| Thread form: | Twin |
| Coating: | Black Phosphate |
| Shank material: | Carbon Steel SAE C1022 |
| Material grade: | AISI C1022 |
| Recommended drill speed: | 2000-3000RPM |

Bugle head self-drill drywall screws

| Product Code | Size | Effective Thread | Fixture Thickness |
|--------------|--------------|------------------|-------------------|
| DWSDP25 | 3.5 x 25.0mm | Fully threaded | 12.0mm |
| DWSDP35 | 3.5 x 35.0mm | Fully threaded | 15.0mm |
| DWSDP45 | 3.5 x 45.0mm | Fully threaded | 25.0mm |
| DWSDP55 | 3.5 x 55.0mm | Fully threaded | 35.0mm |

Technical Data

Ultimate pull out values (metallic substrate)

| Diameter | Drill Point | Steel Thickness | | |
|----------|------------------|-----------------|-------|-------|
| | | 1.2mm | 1.6mm | 2.5mm |
| 3.5mm | Self drill point | 1.5kN | 2.0kN | 4.0kN |

Ultimate pull out values (timber substrate)

| Diameter | Drill Point | Embedment Depth | |
|----------|------------------|-----------------|--------|
| | | 15.0mm | 27.0mm |
| 3.5mm | Self drill point | 0.9kN | 1.6kN |

Ultimate Mechanical Performance

| Diameter | Tensile Strength | Shear Strength |
|----------|------------------|----------------|
| 3.5mm | 7.3kN | 5.0kN |

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