



PRODUCT DATASHEET

STRUCTURAL DECKING SCREW

Purpose:	Fixing timber to timber where a structural fixing is required.
Head style and drive:	Hexagonal, 5/16" hexagonal
Thread form:	Coarse thread
Shank Material:	Carbon Steel
Material Grade:	SAE C1022
Drill Point:	Type 17
Coating:	1000hr Evoshield®
Recommended Drill Speed:	1500 – 2500RPM

Image is a real photograph of the actual product described
Illustrated image is representative of the full range.
Please refer to the corresponding drawing file for 1:1 scale replication per SKU

Structural Decking Screw Physical Characteristics

SKU	Nominal Dimensions $d_{nom} \times L_{nom}$ (mm)	Effective Thread Length (mm)
SDSFHC65	6.3 x 65.0 mm	50
SDSFHC75	6.3 x 75.0 mm	50
SDSFHC90	6.3 x 90.0 mm	50
SDSFHC100	6.3 x 100.0 mm	50
SDSFHC125	6.3 x 125.0 mm	50
SDSFHC150	6.3 x 150.0 mm	50
SDSFHC200	6.3 x 200.0 mm	50
SDSFHC250	6.3 x 250.0 mm	50
SDSFHC300	6.3 x 300.0 mm	100
SDSFHC350	6.3 x 350.0 mm	100
SDSFHC400	6.3 x 400.0 mm	100

Technical Data

Unfactored pull out values			
Diameter	Drill Point	Timber Embedment Depth	
		15.0 mm	30.0 mm
6.3 mm	Type 17	1,900 N	2,700 N

Ultimate Mechanical Performance

Diameter	Ultimate tensile capacity, $F_{ult,Rk}$	Ultimate shear capacity, $V_{ult,Rk}$
6.3 mm	17,700 N	10,400 N

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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