



# PRODUCT DATASHEET

## STRUCTURAL DECKING SCREW

### PRODUCT DETAILS

Purpose:	Fixing timber to timber where a structural fixing is required
Head style:	8mm Hex Head
Thread Type:	Coarse thread
Coating:	≥ 5µm Electroplated Zinc (Passivated)
Drill Point:	Type 17
Shank Material:	A2 stainless steel
Material Grade:	EN 1.4301/ AISI 304 stainless steel
Drilling Point Material Grade:	C1022
Recommended Drill Speed:	1500-2500 RPM

### GENERAL PHYSICAL CHARACTERISTICS

SKU	Nominal Dimensions, $d_{nom} \times L_{nom}$ (mm)
A2SDFSHC90	6.3 x 90.0
A2SDFSHC100	6.3 x 100.0
A2SDFSHC150	6.3 x 150.0
A2SDFSHC200	6.3 x 200.0

### CHARACTERISTIC PULL OUT VALUES

Nom. Dia. (mm)	Drill Point	Timber Embedment Depth (mm)	
		15	30
6.3	Type 17	1.2 kN	3.9 kN

### CHARACTERISTIC MECHANICAL PROPERTIES

	Magnitude
Tensile capacity, ( $F_{ult,Rk}$ )	8,940N
Shear capacity, ( $V_{ult,Rk}$ )	5,930N
Torsional Capacity, ( $\tau_{ult,Rk}$ )	9.0Nm

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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