



**certifix**  
YOUR FIXING SPECIALIST

# CERTIFIX COUNTERSUNK HEAD MASONRY SCREW

exterior grade 4.8 × 32

## PRODUCT DESCRIPTION

The countersunk masonry screws with 500hr coating is suitable for corrosion fixing of timber battens and many other items back to concrete, masonry and timber in internal or temporary external applications.

## APPLICATIONS

- Timber battens to substrate
- Temporary fixing of breather membrane to concrete / masonry (with washer).

## PRODUCT FEATURES

- Countersunk 90° head
- Phillips No. 2
- Pyramidal nail point
- EvoShield® 500Hr NSST resistant (Aluminium/ Zinc flake bound in resin) coating
- Made from SAE C1022 Carbon steel

## PRODUCT BENEFITS

- 500 hours resistance to salt spray with EvoShield® coating.
- Countersunk for a neat, flush finish.
- Standard Phillips No. 2 drive.



Nominal Dimensions	Fixture Limitations	
	Min. Thickness, $t_{min}$ (mm)	Max. Thickness, $t_{max}$ (mm)
dnom x Lnom (mm)		
4.8 x 32	0	7





## PRODUCT SETTING DETAILS

Substrate Type	Parameter	Screw Nominal Diameter dnom(mm)
All Types	Nominal Embedment Depth, h1 (mm)	25
	Nominal Drill Hole Diameter, d0 (mm)	4.35
	Clearance Hole Diameter, df (mm)	6
	Installation Torque, $\tau_{inst}$ (Nm)	<3.0
Non-Cracked Concrete (> 20 MPa < 80 MPa)	Minimum Member Thickness, hc (mm)	100
	Minimum Edge Distance, cmin (mm)	50
	Minimum Spacing, smin (mm)	50
Cracked Concrete (> 20 MPa < 80 MPa)	Minimum Member Thickness, hmin (mm)	100
	Minimum Edge Distance, cmin (mm)	50
	Minimum Spacing, smin (mm)	50

## CHARACTERISTIC WITHDRAWAL RESISTANCE, NRK

Diameter (mm)	Embedment depth (mm)	C30/35 Concrete (35N/mm <sup>2</sup> )	Aerated Concrete (7N/mm <sup>2</sup> )	Class B Engineering Brick (7N/mm <sup>2</sup> )
4.8	25.0	1570	1000	1570
	35.0	4500	2930	2250

## CHARACTERISTIC MECHANICAL PROPERTIES

Tensile capacity, (Fult,Rk)	Shear capacity, (Vult,Rk)	Torsional Capacity, ( $\tau_{ult},Rk$ )
11,680N	7,560N	7.2Nm

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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