

Product Technical Data Sheet

8-18 Flat Csk with Ribs Wing TekS Climacoat

Part Number	Description	Pack Qty	Pallet Qty
6-321-0041-5CC	8-18 x 35 Flat Csk with Ribs Wing TekS Climacoat	1000 / 4000	288,000

Application:

Buildex® 8-18 x 35 Flat Csk with Ribs Head Wing TekS® Screw is used for fixing metal to metal.

Drilling and Installing Capacity

Refer Sheet 2.

Features:

Ribbed Head

Wing TekS® Point

Finish

Benefits:

For flush or recessed finish.

For drilling thru timber into steel without pre drilling.

Climacoat finish for greater protection in treated pine.

Installation Instructions:

1. Use a Buildex® Number 2 Phillips Recess Driver Bit (Part 1-991-4201-3)
2. Use a mains powered or cordless screw driver with a 3,000 RPM speed max.
3. Fit the driver bit into the screw and place at the fastening position.
4. Apply consistently firm pressure (end load) to the screw driver until the screw has fastened.

Mechanical Properties:

Single Shear Strength (Newton) 5,100 | Axial Tensile (Newton) 6,300 | Torsion Strength 5.9 Newton-metre

Pullout Values (Newton):

Steel Purlin G450 1.0 mm: 2,300 | Steel Purlin G450 1.2 mm: 2,900 | Steel Purlin G450 1.5 mm: 3,700 | Steel Purlin G450 1.9 mm: 2,800 | Steel Purlin G450 2.4 mm : 6,300

All values are averages obtained under laboratory conditions and appropriate safety factors should be applied for design purposes. These figures are applicable to Buildex® head marked product only.

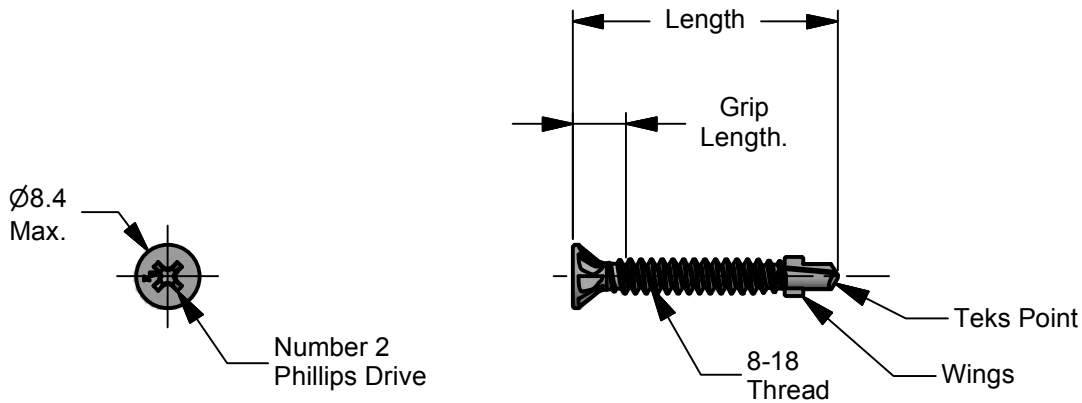
Material: Carbon Steel SAE 1022 | **Heat Treatment:** To AS 3566.1 | **Finish:** Climacoat®

Corrosion Performance:

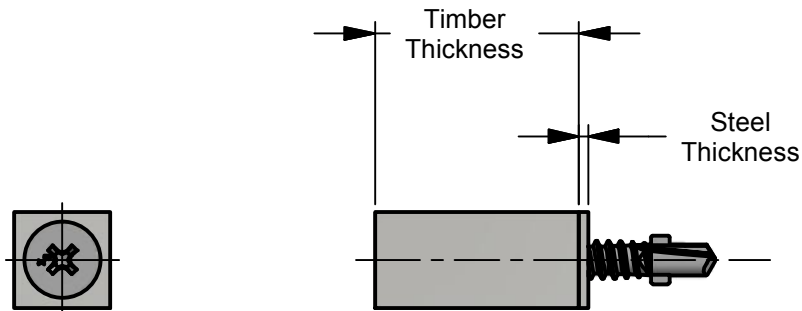
Climacoat® Screws comply to 1000 Hours Salt Spray Testing when tested in accordance to AS 2331.3.1

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8-18 Flat Csk with Ribs Wing Tek's Climacoat



Part Number	Description	Length	Grip Length
6-321-0041-5CC	8-18 x 35 Flat Csk with Ribs Wing Tek's Climacoat	34.0 / 36.0	6.5 Max.



Part Number	Timber Thickness	Steel Thickness
6-321-0041-5CC	6.5 mm ~ 20.0 mm	1.0 mm / 2.5 mm

All dimensions nominal unless otherwise stated. Normal manufacturing tolerances apply. All dimensions in millimeters. Third Angle Projection. Scale Full Size

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