

Product Technical Data Sheet

6-20 Flat Csk with Ribs Wing TekS Climacoat

Part Number	Description	Pack Qty	Pallet Qty
6-321-0045-8	6-20 x 52 Flat Countersunk with Ribs Wing TekS Climacoat	1000 / 3000	216,000

Application:

Buildex® 6-20 Flat Csk with Ribs WingTekS® Screw is used for fixing timber floor, fences and composite boards to metal.

Drilling and Installing Capacity

Refer Sheet 2.

Features:

Underhead Teeth

Teks® Point

WingTekS®

Benefits:

For counter-sinking the head into the timber or composite board.

For drilling into steel while ensuring maximum pullout strength and a high strip torque.

Removes the need for pre drilling the timber or composite board.

Installation Instructions:

1. Use a Number 2 Phillips Driver Bit
2. Use a mains powered or cordless screw driver with a 3,000 RPM speed.
3. Fit the Number 2 Phillips 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) 3,500 | Axial Tensile (Newton) 4,300 | Torsion Strength 3.4 Newton-metre

Pullout Values (Newton):

Steel Purlin G450 1.0 mm: 1,800 | Steel Purlin G450 1.2 mm: 2,400 | Steel Purlin G450 1.5 mm: 3,400 | Steel Purlin G450 1.9 mm: tba | Steel Purlin G450 2.4 mm : tba

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.

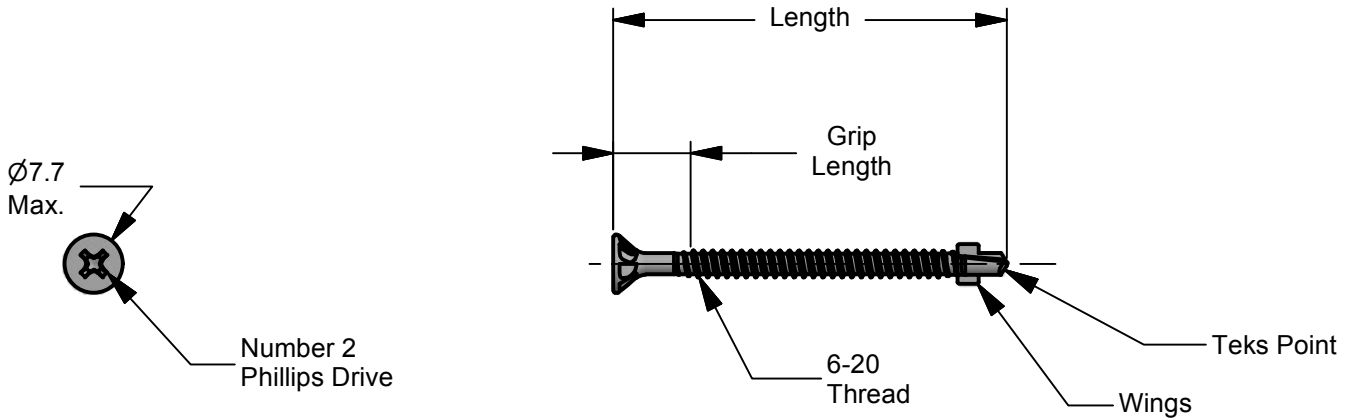
Material: Carbon Steel SAE 1022 | **Heat Treatment:** To AS 3566.1 | **Finish:** Climacoat®

Corrosion Performance:

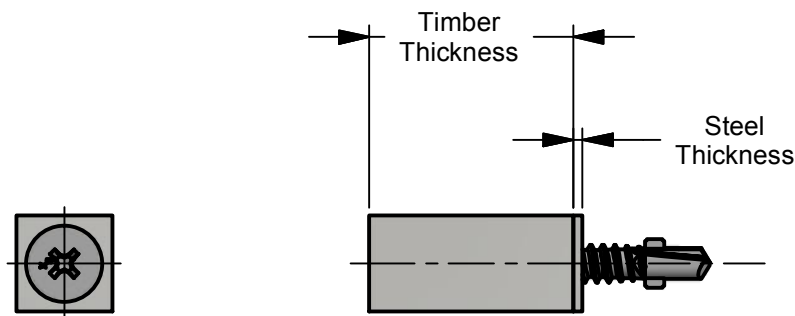
Climacoat® Screws comply to 1000 Hours Salt Spray Testing when tested in accordance to AS 2331.3.1

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Part Number	Description	Length	Grip Length
6-321-0045-8	6-20 x 52 Flat Countersunk with Ribs Wing TekS Climacoat	50.0 / 51.5.0	10.5 Max.



Part Number	Timber Thickness	Steel Thickness
6-321-0045-8CC	11.0 mm ~ 37.0 mm	1.0 mm / 2.3 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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