Buildex®

Product Technical Data Sheet

14 -14 Hex Head PolyZips Climaseal 3

Part Number	Description	Pack Qty	Pallet Qty
1-030-0350-1CSBT	14-14 x 50 Hex Head PolyZips 26 mm Domed Washer Climaseal 3	250	27,000
6-030-0350-1CS	14-14 x 65 Hex Head PolyZips 26 mm Domed Washer Climaseal 3	500	24,000

Application:

Buildex® 14 -14 PolyZips® Polycarbonate Roofing Screws are designed for crest pierce fixing polycarbonate roof sheets to top hat and timber battens. Typical applications are pergolas, outdoor entertainment areas and skylights.
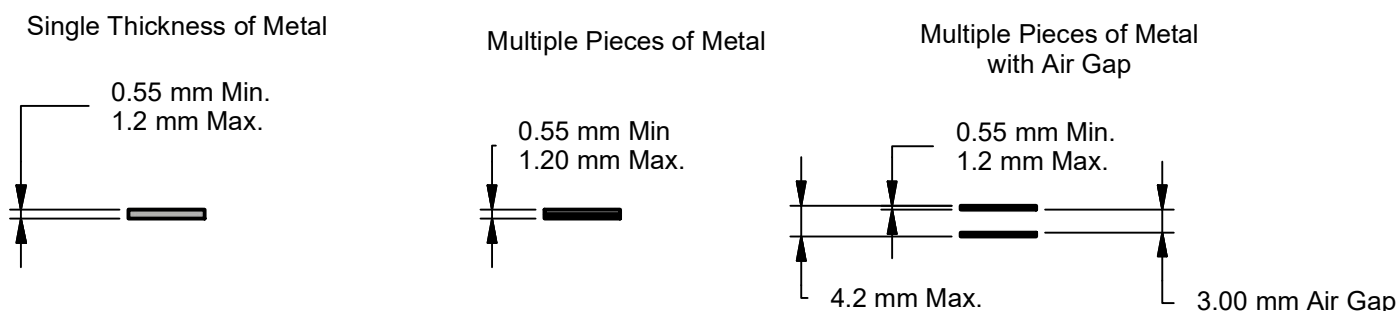
Features	Benefits
Hex Drive	For positive drive under high installation torque.
Zips Point	For drilling into steel while ensuring maximum pullout strength and a high strip torque.
Wings	For drilling a clarance hole in the fibreglass and steel cladding.
Finish	Corrosion preformance of Climaseal 3.

Installation Instructions:

1. Use a 5/16" Hex Socket.
2. Use a mains powered or cordless screw driver with a drive speed of 3,000 RPM maximum.
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.

Drilling and Installing Capacity:

Timber F7 Pine to F27 Hardwood - miniumum embedment 35.0 mm

Single Thickness of Metal

0.55 mm Min.
1.2 mm Max.

Multiple Pieces of Metal

0.55 mm Min
1.20 mm Max.

Multiple Pieces of Metal with Air Gap

0.55 mm Min.
1.2 mm Max.

4.2 mm Max.

3.00 mm Air Gap

Mechanical Properties:

Single Shear Strength (Newton) 11,100 | Axial Tensile (Newton) 20,500 | Torsion Strength 19.6 Newton-metre

Pullout Values (Newton):

0.55 mm G550 Batten: 1,520 | 0.75 mm G550 Batten: 2,480 | 1.2 mm G450 Stud: 3,280

F7 (Pine) Timber, 35 mm embedment: 4,300 | F17 (Hardwood) Timber, 35 mm Embedment: 6,750

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.
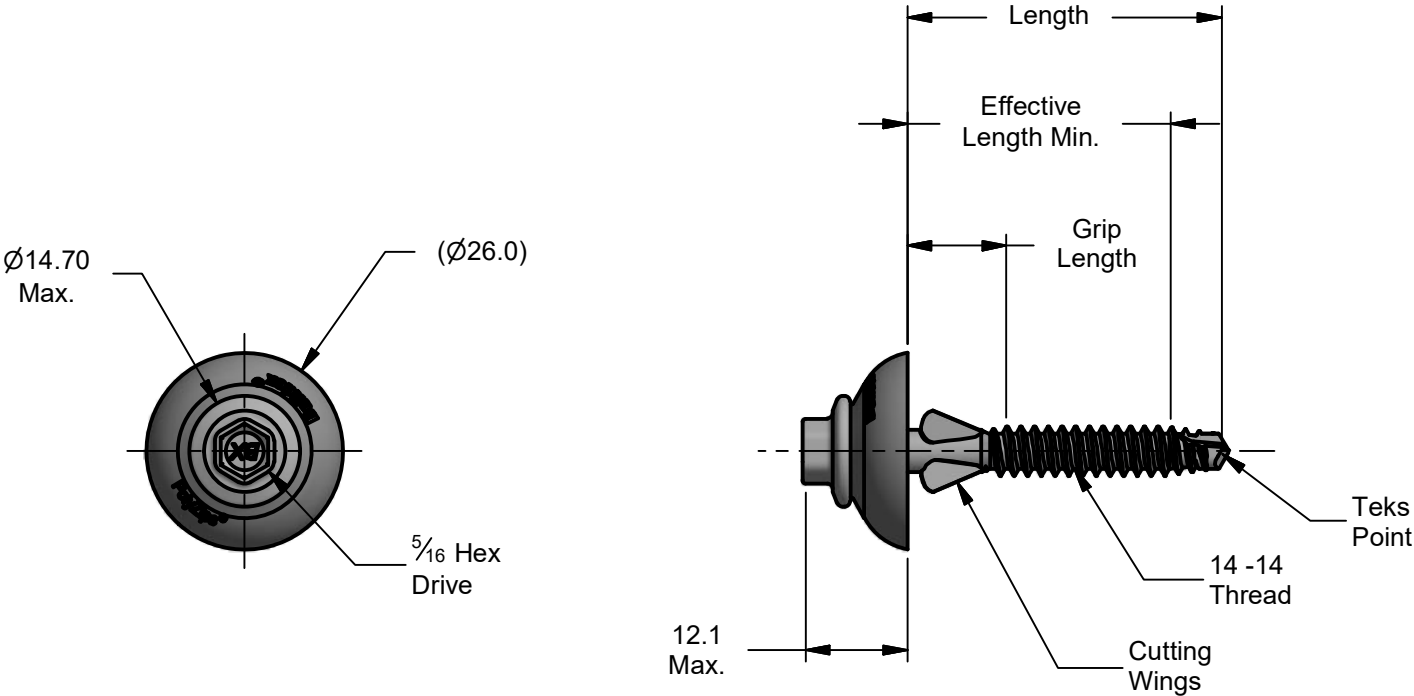
Material: Carbon Steel SAE 1022 | **Heat Treatment:** To AS 3566.1 | **Finish:** Climaseal 3®

Corrosion Performance:

Climaseal 3 Fasteners are suitable for use in Category 3 corrosive environments as described in ISO 9223-2012 and AS4312-2008

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Ø14.70 Max.

(Ø26.0)

⁵⁄₁₆ Hex Drive

Length

Effective Length Min.

Grip Length

Teks Point

14 -14 Thread

Cutting Wings

12.1 Max.

Note
Lengths from underside of sealing washer and includes compression.

Part Number	Description	Length	Grip Length	Effective Length
1-030-0350-1CSBT	14-14 x 50 Hex Head PolyZips 26 mm Domed Washer Climaseal 3	43.0 / 44.5	30. / 32.0	21.5 Min.
6-030-0350-1CS	14-14 x 65 Hex Head PolyZips 26 mm Domed Washer Climaseal 3	52.5 / 54.0	28.0 / 30.0	36.5 Min.

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