

## Product Technical Data Sheet

### 14 -14 Fibreglass Tekes / 14-14 Poly Tekes

Part Number	Description	Pack Qty	Pallet Qty
6-310-0607-7CS	14-14 x 65 Fibreglass Tekes with Weather-Lok Washer	500	24,000
6-310-0626-6CS	14-14 x 83 Fibreglass Tekes with Weather-Lok Washer	250	18,000

#### Application:

Buildex® 14-14 Fibreglass Tekes® Roofing Screws are designed for crest fixing fibreglass roof sheets to steel purlins. Typical applications are pergolas, outdoor entertainment areas and commercial building skylights.

#### Drilling Capacity:

Steel Purlin - 1.50 mm ~ 2.4 mm x 2 | 1.0 mm x 2 (Pressed Box Section)

#### Installation Instructions:

1. Use a Buildex®  $\frac{5}{16}$  Hex Hexagon Driver Bit (1-991-1366-9).
2. Use a mains powered or cordless screw driver with a 3,000 RPM max.
3. Fit the hex driver bit over the screw and place at the fastening position.
4. Apply consistently firm pressure (end load) to the screw driver until the screw has drilled and fastened.

#### Material:

Carbon Steel SAE 1022

#### Heat Treatment:

To AS 3566.1

#### Finish:

Climaseal® 3

#### Mechanical Properties:

Single Shear Strength (N) 11,100 | Axial Tensile Strength (N) 20,500 | Torsion Strength (Nm) 19.6

#### Pullout Values (N):

1.50 mm Purlin 3,000 | 1.90 mm Purlin 4,000 | 2.40 mm Purlin 7,100 | 1.0 mm x 2 (Pressed Box Section) 6,025

All values are averages obtained under laboratory conditions and appropriate safety factors should be applied for design purposes.

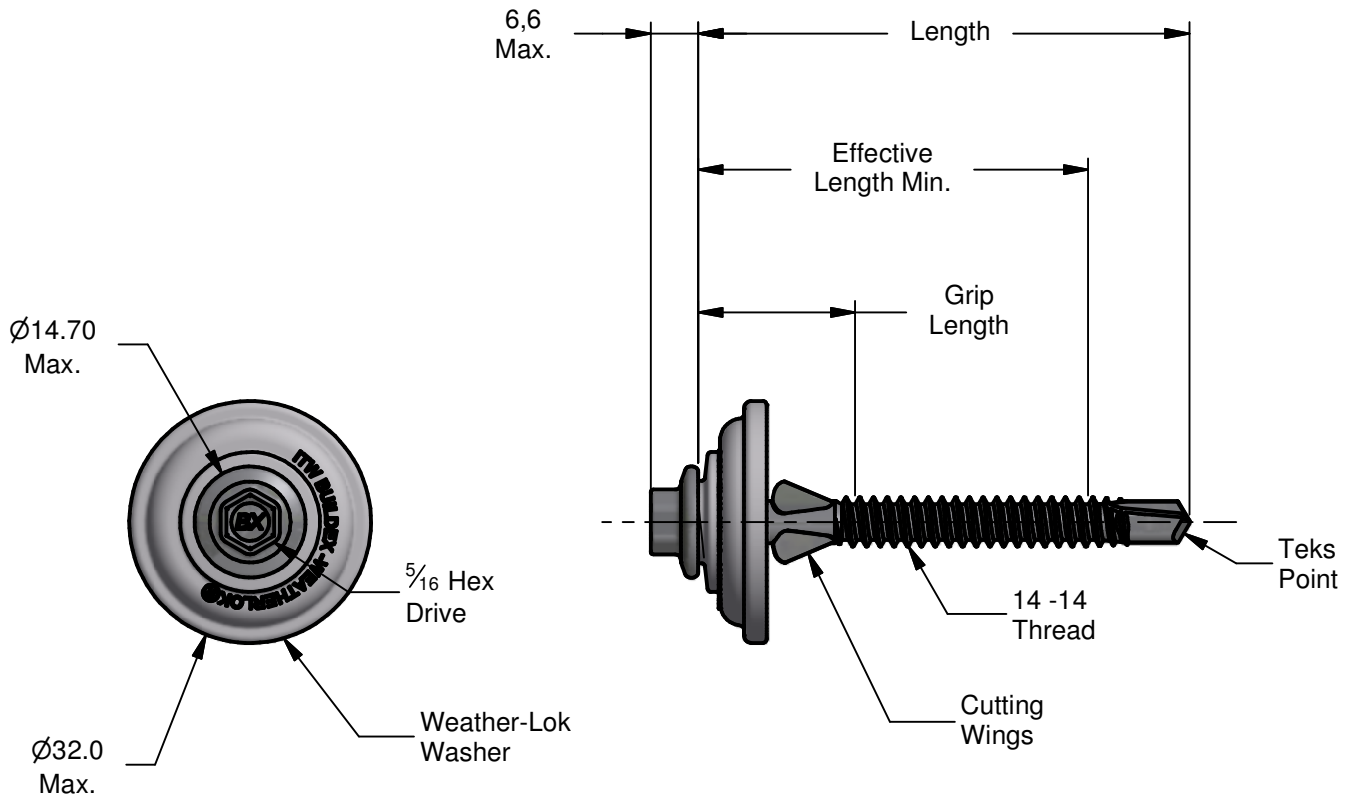
These figures are applicable to Buildex® head marked product only.

#### Corrosion Performance:

Buildex® 14-14 Fibreglass Tekes® Roofing Screws complies to Australian Standards AS3566.2 Class 3

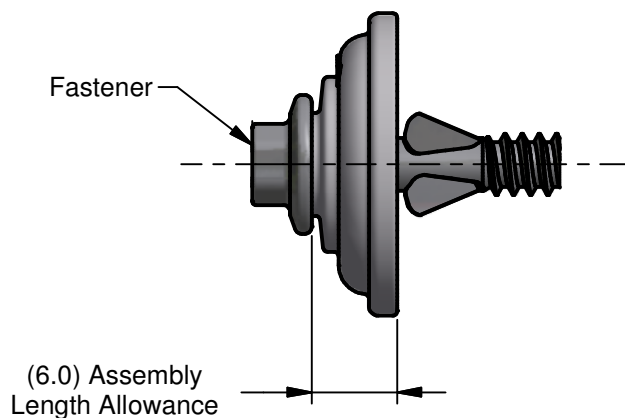
## Product Technical Data Sheet

### 14 -14 Fibreglass Tekes / 14-14 Poly Tekes



Description	Length	Grip Length	Effective Length
14-14 x 65 Fibreglass Tekes with Weather-Lok Washer	63.5 - 65.0	23.0 - 25.0	49.5 Min.
14-14 x 83 Fibreglass Tekes with Weather-Lok Washer	81.5 - 83.0	23.0 - 25.0	67.0 Min.

All dimensions nominal unless otherwise stated. Normal manufacturing tolerances apply.



Assembly Length Allowance ( 1.25 : 1 )

## Product Technical Data Sheet

### 14 -14 Fibreglass Tekes / 14-14 Poly Tekes

Part Number	Description	Pack Qty	Pallet Qty
1-310-0750-1CSBT	14-14 x 50 Poly Tekes with Domed Washer	500	24,000
1-310-0751-1CSBT	14-14 x 65 Poly Tekes with Domed Washer	250	18,000

#### Application:

Buildex® 14-14 Poly Tekes® Roofing Screws are designed for crest fixing polycarbonate roof sheets to steel purlins. Typical applications are pergolas, outdoor entertainment areas and skylights.

#### Drilling Capacity:

Steel Purlin - 1.50 mm ~ 2.4 mm x 2 | 1.0 mm x 2 (Pressed Box Section)

#### Installation Instructions:

1. Use a Buildex®  $\frac{5}{16}$  Hex Hexagon Driver Bit (1-991-1366-9).
2. Use a mains powered or cordless screw driver with a 3,000 RPM max.
3. Fit the hex driver bit over the screw and place at the fastening position.
4. Apply consistently firm pressure (end load) to the screw driver until the screw has drilled and fastened.

#### Material:

Carbon Steel SAE 1022

#### Heat Treatment:

To AS 3566.1

#### Finish:

Climaseal® 3

#### Mechanical Properties:

Single Shear Strength (N) 11,100 | Axial Tensile Strength (N) 20,500 | Torsion Strength (Nm) 19.6

#### Pullout Values (N):

1.50 mm Purlin 3,000 | 1.90 mm Purlin 4,000 | 2.40 mm Purlin 7,100 | 1.0 mm x 2 (Pressed Box Section) 6,025

All values are averages obtained under laboratory conditions and appropriate safety factors should be applied for design purposes.

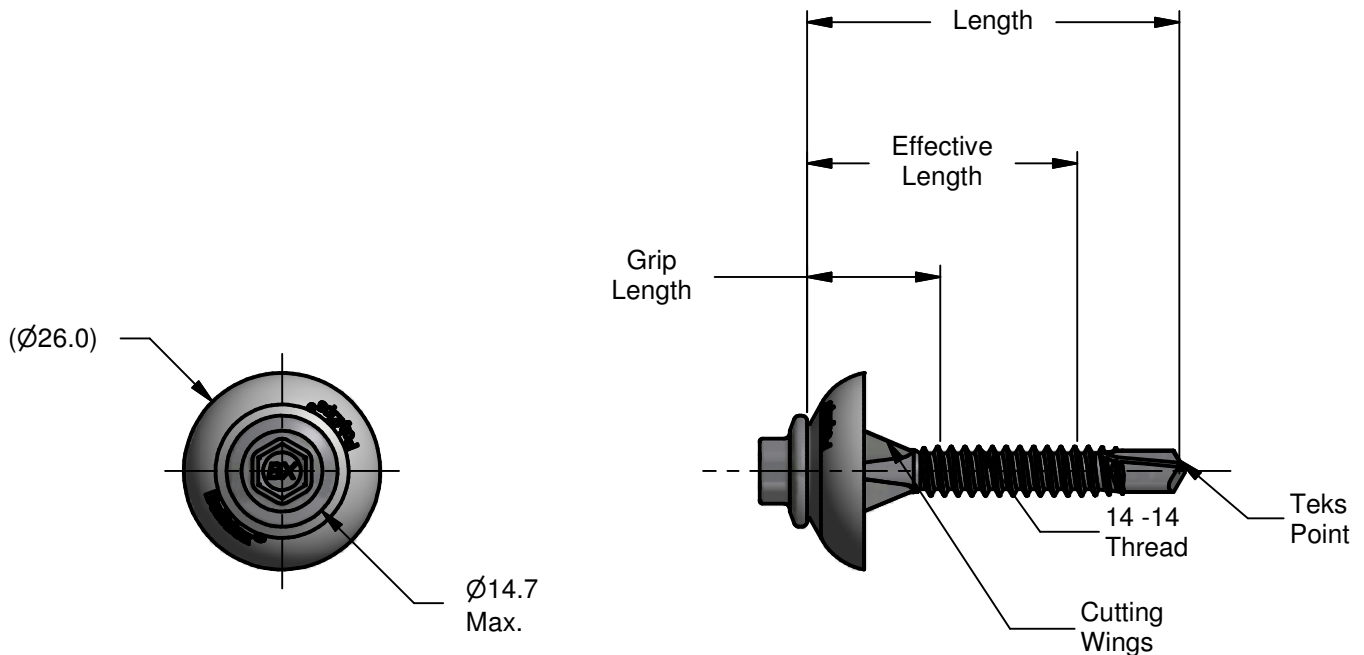
These figures are applicable to Buildex® head marked product only.

#### Corrosion Performance:

Buildex® 14-14 Poly Tekes® Roofing Screws complies to Australian Standards AS3566.2 Class 3

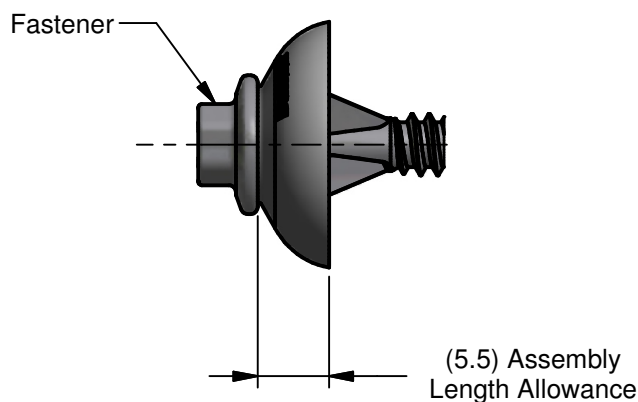
## Product Technical Data Sheet

### 14 -14 Fibreglass Tekes / 14-14 Poly Tekes



Description	Length	Grip Length	Effective Length
14-14 x 65 Fibreglass Tekes with Domed Washer	48.5.5 - 50.0	18.5 - 20.5	34.5 Min.
14-14 x 83 Fibreglass Tekes with Domed-Lok Washer	63.5 - 65.0	23.0 - 25.0	49.5 Min.

All dimensions nominal unless otherwise stated. Normal manufacturing tolerances apply.



Assembly Length Allowance ( 1.25 : 1 )

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