# Product Technical Data Sheet

## 14-12 Bugle Head Zips Climaseal 3

**Application:**

The Buildex® 14-12 Bugle Batten Head Zips are designed for fixing light weight concrete blocks or panels to light weight steel battens and light weight steel floor joists.

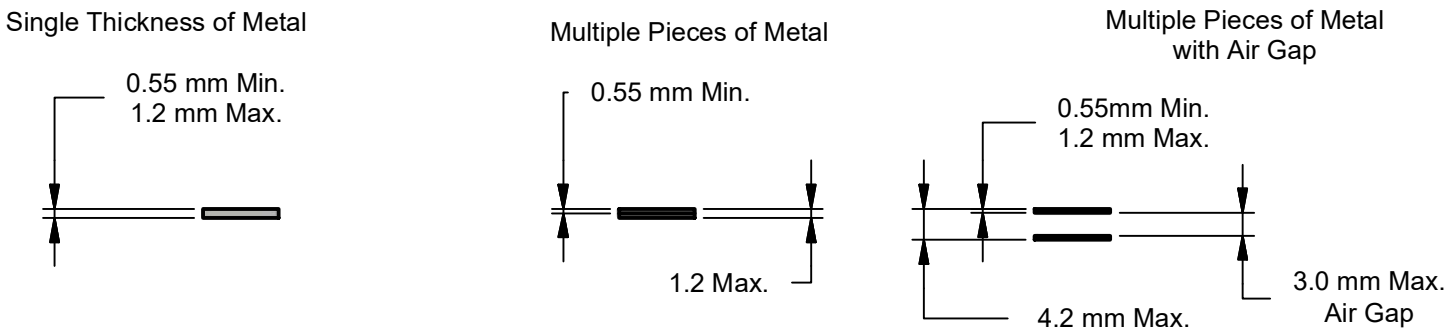
| Features | Benefits |
|---|---|
| 5 mmHex Drive | For positive drive under high installation torque. |
| Zips Point | For easy installation into top hat batten and timber while ensuring maximum pullout strength and high strip torque. |
| Buttress Thread | For high pullout values. |
| Finish | Corrosion preformance of Climaseal 3 |

**Installation Instructions:**

1. Use a 5.0 mm Hex Driver Bit.
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 Ultra Hard Timber - minimum embedment 25.0 mm




**Mechanical Properties:**

Single Shear Strength (Newton) 8,670 | Axial Tensile (Newton) 18,670 | Torsion Strength 17.7 Newton-metre

**Pullout Values (Newton):**

0.55mm G550 Batten: 1.625 | 0.75mm G550 Batten: 2,716 : 1.0mm G550 Batten: 3,500 | 1.2 mm Steel Stud G250:3,240

F7 (Pine) Timber, 25 mm embedment: 5,610 | F17 (Hardwood) Timber 25 mm embedment: 6,280 | Ultra Hard Timber 7,920

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:**

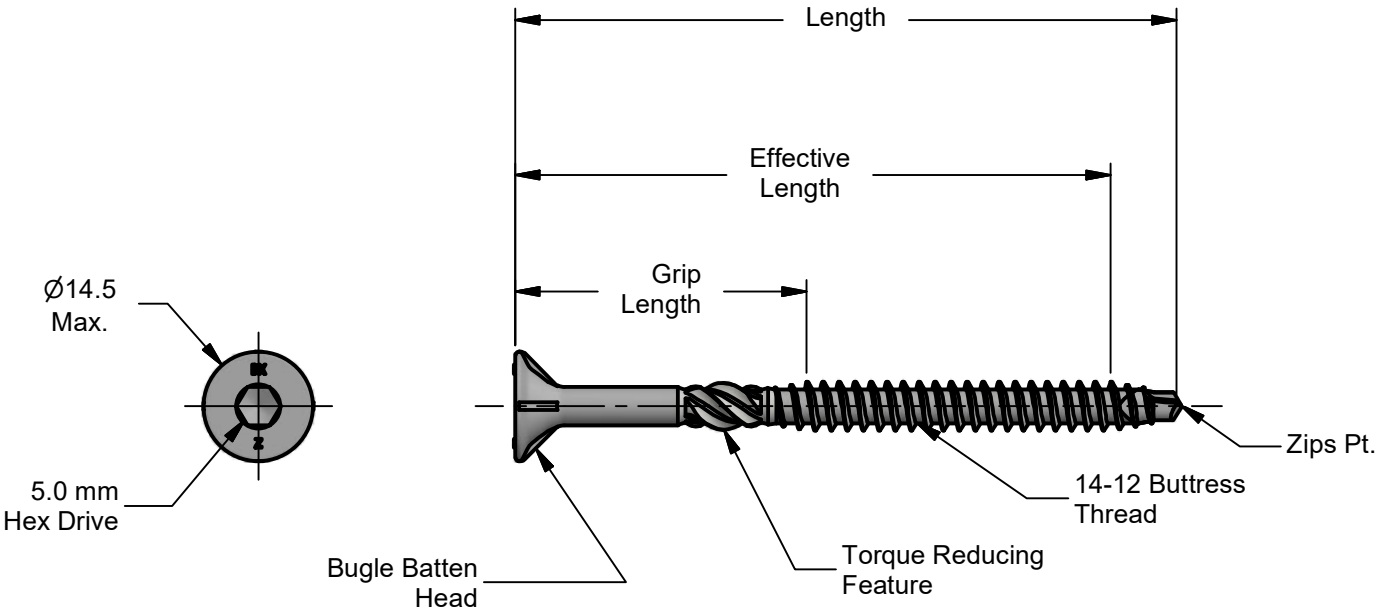
Climaseal 3 Fasteners are suitable for use in Category 3 corrosive environments as described in ISO 9223-2012 and AS4312-2008


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## 14-12 Bugle Head Zips Climaseal 3

| Part Number | Description | Pack Qty | Pallet Qty |
|---|---|---|---|
| 6-031-0380-1MP | 14-12 x 88 Bugle Hex Drive Zips Climaseal 3 | 250 | 26,250 |




| Part Number | Description | Length | Grip Length | Effective Length |
|---|---|---|---|---|
| 6-031-0380-1MP | 14-12 x 88 Bugle Hex Drive Zips Climaseal 3 | 86.5 / 88.0 | 40.0 / 42.0 | 78.5 Min. |

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

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