

Product Technical Data Sheet

12-11 Hex Head HiGrip T17

Part Number	Description	Pack Qty	Pallet Qty
6-030-3163-2C4	12-11 x 50 Hex Head HiGrip T17 with Seal Climaseal 4	1000	84,000
6-030-3164-8C4	12-11 x 65 Hex Head HiGrip T17 with Seal Climaseal 4	1000	60,000

Application:

Buildex® 12-11 Hex Head HiGrip T17® are designed for crest fixing roof sheets to timber and thin metal top hat battens.

Features	Benefits
Hex Drive	For positive drive under high installation torque.
T17 Point	For easy installation into timber while ensuring maximum pullout strength and high strip torque.
Hi Grip	To fix the crest of the sheet to create a positive connection between the sheet and the screw.
Finish	Corrosion performance of Climaseal 4 to suit the application.
Colormatch	The 12-11 Type 17 can be painted to match Colorbond sheeting products.

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 onto 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:

Buildex suggests a minimum embedment depth of 25mm for roofing screws being installed into timber, however the actual fastener selected needs to match the cladding supplier's fastening recommendations.

Mechanical Properties		
Single Shear Strength (N)	Axial Tensile Strength (N)	Torsional Strength (Nm)
8400	13900	13.5

Pullout Values (N)			
Softwood (F7/Pine) 25mm Embedment	Softwood (F7/Pine) 35mm Embedment	Hardwood (F17) 25mm Embedment	Hardwood (F17) 35mm Embedment
2400	3900	3300	6460

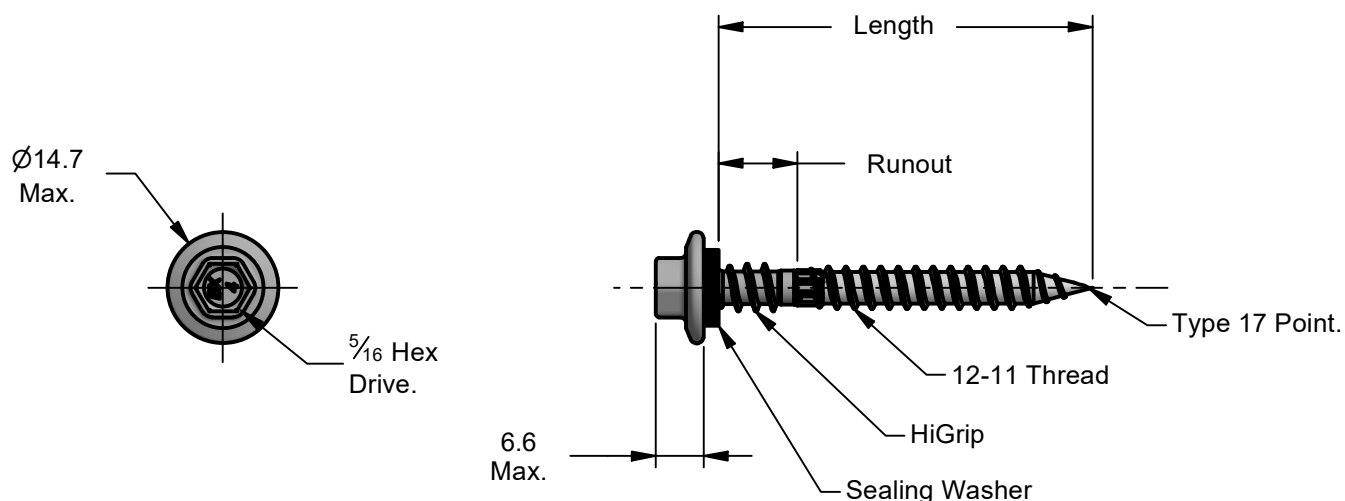
Material: Carbon Steel SAE 1022 | **Heat Treatment:** To AS 3566.1 | **Finish:** Climaseal 4®

Corrosion Performance:

Climaseal 4 Fasteners are suitable for use in Category 4 and 3 corrosive environments as described in ISO 9223-2012 and AS4312-2008

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Note

Lengths from underside of sealing washer and includes compression.

Part Number	Description	Length	Runout
6-030-3163-2C4	12-11 x 50 Hex Head HiGrip T17 with Seal Climaseal 4	48.0 / 49.5	11.5 / 13.5
6-030-3164-8C4	12-11 x 65 Hex Head HiGrip T17 with Seal Climaseal 4	63.0 / 64.5	26.5 / 28.5

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

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