JOIN THE ICF ROOF ANCHOR REVOLUTION

burmon

HURRICANE BRACKET (ICF) SILL PLATE CONNECTION

WIND RESISTANT UP TO 150 mph

Quicker, easier installations

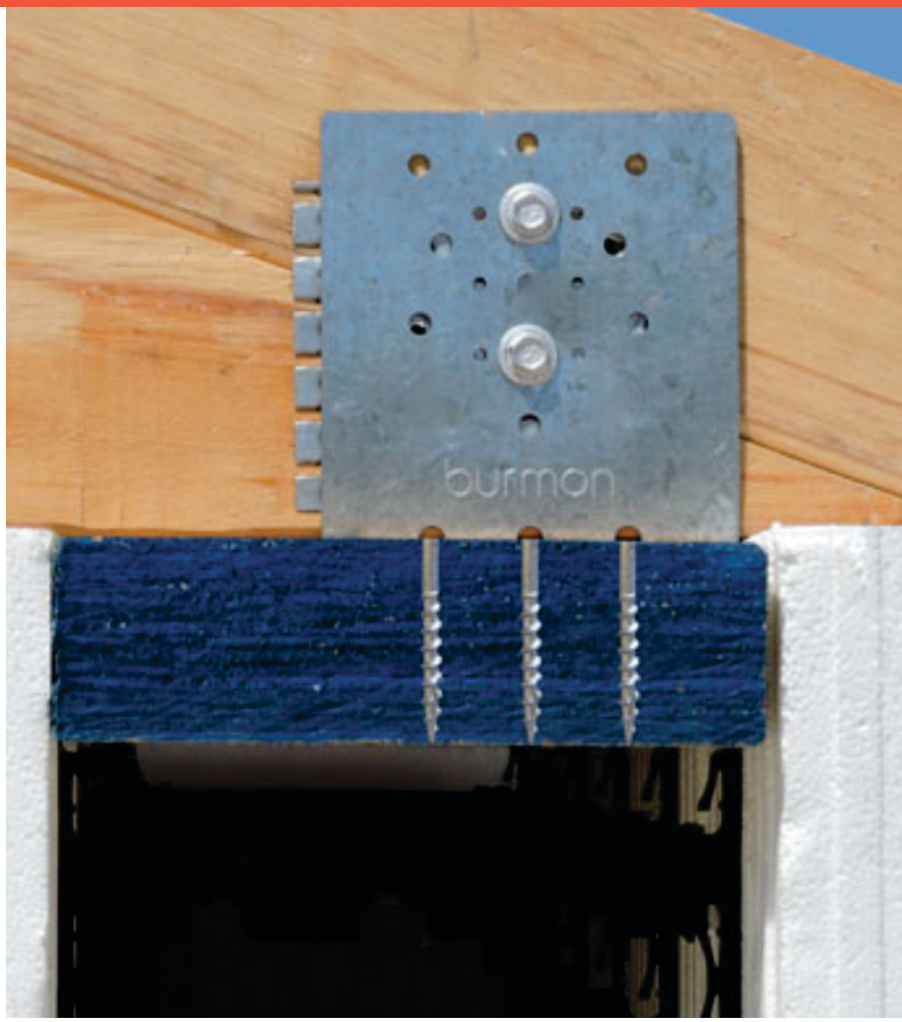
Improved load bearing

Improved cost and performance efficiency

HURRICANE ANCHOR

for RAFTER/TRUSS CONNECTION into ICF SILL PLATE

Designed and engineered specifically for ICF Construction

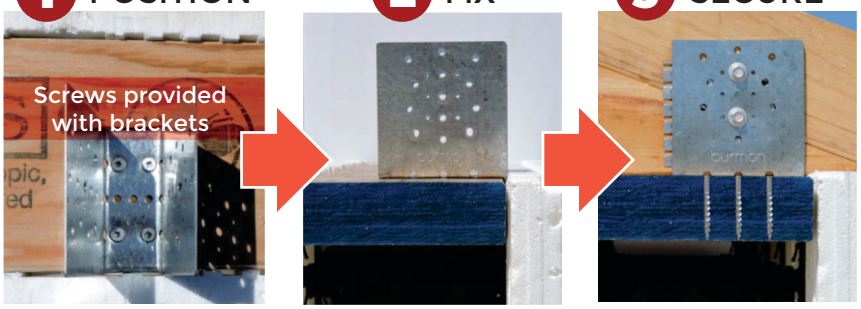


USING BURMON ICF HURRICANE ANCHOR GIVES YOU THE ADVANTAGE:

- Fully engineered, tested and product approved
- Designed to resist 96% of all global wind events
- Top plate sits inside ICF wall enhancing thermal performance
- Trusses screw fixed through nail plate for stronger, faster connection
- No skew/toe or hand nailing required
- Cost competitive anchors while delivering very high load capacities
- Significant cost savings to the total house build
- The highest capacity single sill plate anchor in the world!
- Brackets hold trusses in position making bracing easier and safer

EASY TO INSTALL

1 POSITION **2 FIX** **3 SECURE**



DOWNLOAD OUR EASY INSTALLATION GUIDE:
https://burmon.com/install

HURRICANE ANCHOR

for RAFTER/TRUSS CONNECTION into ICF SILL PLATE

SPECIFICATION

STEEL

Grade	G300
Thickness	1.2mm
Galvanised coating	Z275

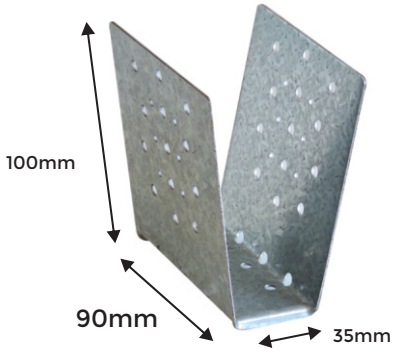
SCREWS

Burmon blue screws
1½" x 10 gauge, Tufcote

Burmon hex head screws
1½" x 12 gauge, Tufcote

PRODUCT CODE

BCBSINGLETOP



COMPLIANCE

The Burmon Cyclone Bracket is fully certified and tested for use in accordance with AS1684 Residential Timber Framed Construction.

LOAD DATA

LIMIT STATE DESIGN CAPACITY (k/N)

Fastener schedule	SP
6 x 1½" Burmon screws into top plate 3 x 1½" Burmon screws into truss each side	**2450 lbs**

NOTES

1. The Limit State Design capacities for the Burmon Cyclone Bracket resisting wind uplift are as shown in these tables. Design capacities have been obtained from laboratory testing and procedures given in AS1720.1.
2. Wind Uplift capacities are based on AS1720.1:2010 using k1 =1.31, for use in conjunction with AS/NZS 1170:2002 load code.
3. The specified Burmon Screw must be used in conjunction with the Burmon Cyclone Bracket to achieve load ratings as per load tables.
4. For higher load capacity than 12k/N (up to 18k/N) use Cyclone Bracket Extreme.
5. Cyclone Bracket (Patent Application 2013209390) is certified by Registered Structural and Civil Engineers for the Australian Building Industry in accordance with the relevant Australian Standards and Building Codes. Cyclone Bracket is structurally adequate provided it is installed and used in complete accordance with the guide on Burmon brochures and websites.

The Burmon Hurricane Bracket complies with (IBC), (IRC) & (EC-002)