

# MOUNTING HARDWARE - UNDER TILE MOUNTS

## 13.1 Under Tile Mount Heavy Duty

**MOUNT UNDER TILE ROOF 900 MM RAFTERS  
SUITS 65 CM ... 85 CM SATELLITE DISHES**

SBSUT9

FOXTEL: F31064



### Installation Parameters:

**Non-Cyclonic Areas Region A | Region B  
Cyclonic Areas: Region C**

- A) Ensure the mounting mast with locating pin does not exceed the distance of the left hand marking on the right hand brace bracket. (installation must be within the "Installation Area" as shown in this mounts Schematic Diagram)
- B) The minimum allowable gap between the bottom of the mast lip and the bottom of the gutter must be > 30 mm. DO NOT cut into the gutter, choose an alternate location should this be a problem with the installation.
- C) The notch in the timber fascia must not exceed 12 mm in depth and a maximum of 78 mm in width.
- D) When fixing the brace brackets to the rafter, ensure the securing holes are fixed at a minimum of 25 mm from the edge of the rafter (for hardwood rafters, pre-drill them to avoid the rafters from splitting).



## 13.2 Under Tile Mount Heavy Duty - Wind Load Reference Table

SBSUT9 UNDER TILE MOUNT WITH SATELLITE DISH SIZE	WIND REGION A WIND SPEED: 40 m/s WIND CLASS: N2  TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: A/TC3/T1 OR A/TC2/T0	WIND REGION B WIND SPEED: 50 m/s WIND CLASS: N3 & C1  TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: B/TC3/T1 OR B/TC2/T0 OR A/TC1/T1	WIND REGION C WIND SPEED: 61 m/s WIND CLASS: N4 & C2  TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: C/TC3/T1 OR C/TC2/T0 OR B/TC1/T1	WIND REGION D WIND SPEED: 74 m/s WIND CLASS: N5 & C3  TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: D/TC3/T1 OR C/TC1/T1
<b>65 CM</b>	YES	YES	YES	NO
<b>85 CM</b>	YES	YES	YES	NO

DOMESTIC: UP TO A HEIGHT OF 8.5 METRES

COMMERCIAL: UP TO A HEIGHT OF 10 METRES (3 STOREY)

In accordance with the following Standards Australia Codes:

- \* Structural design actions, Part 0: General Principles AS/NZS 1170.0:2002
- \* Structural design actions, Part 1: Permanent, imposed and other actions AS/NZS 1170.1:2002
- \* Structural design actions, Part 2: Wind actions AS/NZS 1170.2:2011
- \* Wind Loads for Housing AS 4055:2012
- \* Steel Structures AS 4100:1998
- \* Timber Structures AS 1720.1-2010: Part 1: Design methods
- \* Residential timber framed construction AS 1684:2010
- \* Masonry Structures AS 3700:2001

Note: We have not specifically considered structural design actions Part 3: Snow and ice actions AS/NZS 1170.3:2003, or Earthquake actions in Australia AS 1170.4-2007

Important: For Northern Territory, please refer to the Building Notes on Satellite Dishes where different regulations apply:  
[https://nt.gov.au/\\_\\_data/assets/pdf\\_file/0015/209040/note-45-minor-roof-attachments-satellite-dishes.pdf](https://nt.gov.au/__data/assets/pdf_file/0015/209040/note-45-minor-roof-attachments-satellite-dishes.pdf)