

# WINDSTRONG®

## STELL WINDLOCKED CYCLONIC ROLLER DOOR

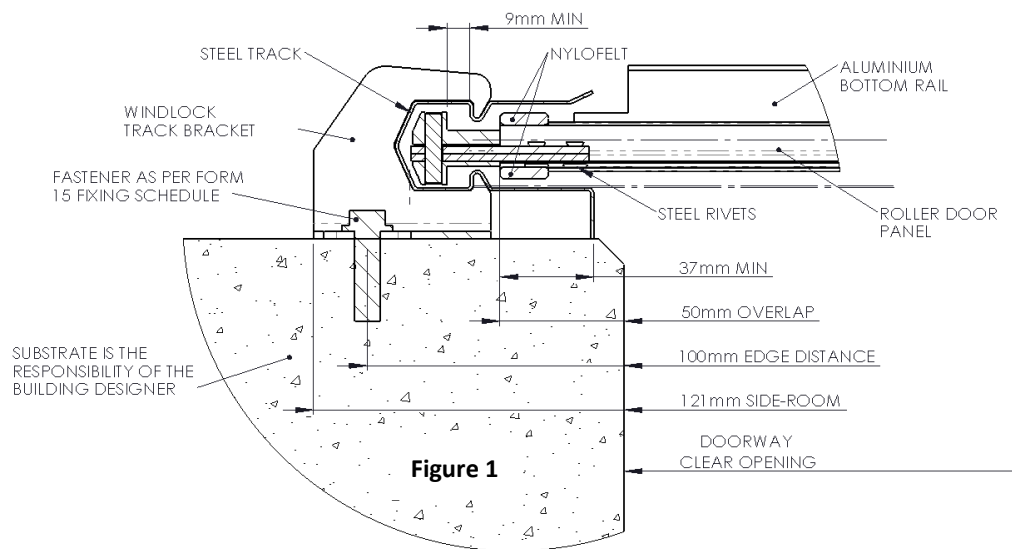
### Installation Instruction Supplement

The Taurean® WINDSTRONG® windlocked roller door is certified to comply with *AS/NZS 4505:2012 Garage doors and other large access doors*. Information on the pressure rating and maximum forces transmitted by the door to the supporting structure can be found at [http://www.taureands.com.au/sites/default/files/windstrong\\_windlocked\\_roller\\_door.pdf](http://www.taureands.com.au/sites/default/files/windstrong_windlocked_roller_door.pdf).

This document is supplemental to the installation instructions for Series 'A', 'AA', and 'B' doors.

1. **Verify the door is the correct width** for the opening before commencing installation:

$$\text{DOOR WIDTH} \geq \text{DOORWAY CLEAR OPENING} + 100\text{mm}$$



2. **Position tracks in place** (as per Figure 1) and fasten at top and bottom.

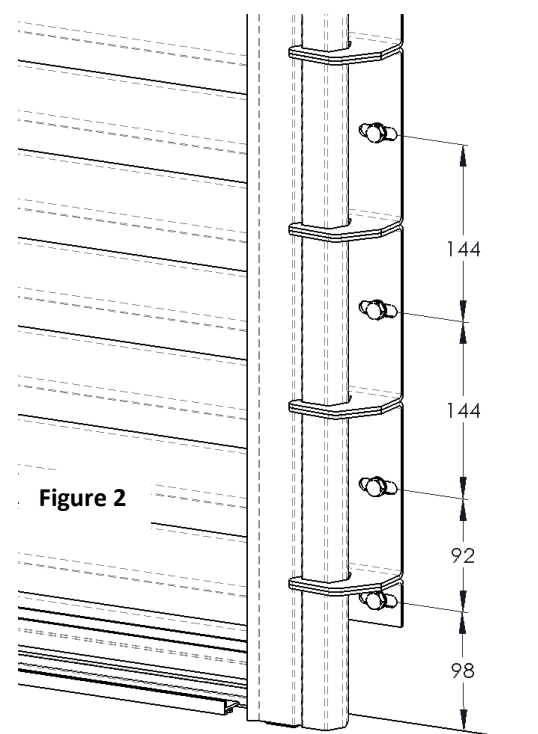
**Important!** All testing and certification is based on at least 9mm of travel in the windclip. When positioning the track horizontally, push inwards so that it touches the windclips, then mark the location on the wall top and bottom, and move the track back 1-2mm. The plated windclip should be covered by the track when viewed from straight on.

3. The guide track is set up to have back-to-back U-brackets at each windclip.

**Important!** The Wind-lock Track Brackets are to be positioned vertically up the tracks such that they are **exactly adjacent** (within 5mm) to each Nylon Retainer when the door is in the closed position.

With the door installed to have the rail 5mm from the ground, then from the bottom upwards the fasteners are positioned as per Fig 2.

The brackets are to be positioned after cutting the track to suit the installation.

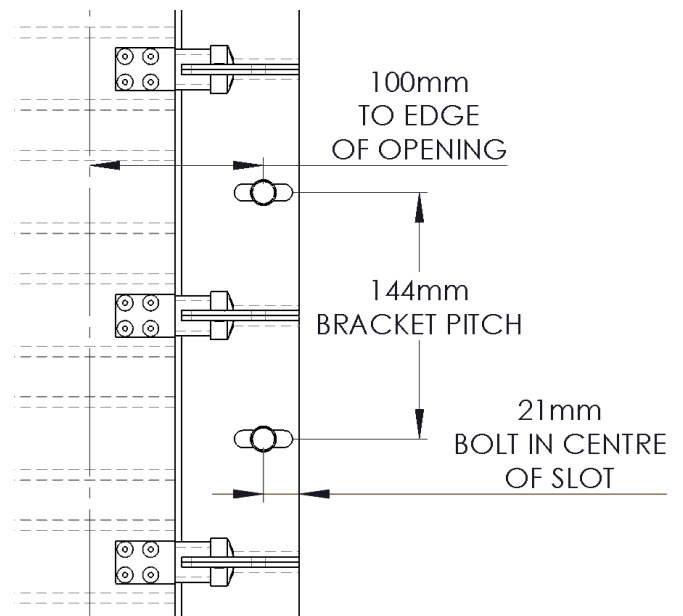


4. Brackets must be installed with a fastener in the center of the slot of every bracket to allow the track to potentially travel in the worst case scenario of an extreme wind event.

Refer to the FIXING SCHEDULE on the engineering drawings that are attached to either the Form 15 (QLD) or Section 40 (NT) certificates.

See Figure 3 and Table 1 for bracket details and fastener locations.

Table 1) Taurean WINDSTRONG™ DOOR Bracket QTY's			
Height (mm)	L Brackets	U Brackets	Total fasteners
1200	4	14	18
2200	4	28	32
2500	4	32	36
2800	4	38	42
3100	4	42	46
3500	4	48	52
3900	4	52	56
4300	4	58	62
4600	4	62	66
5100	4	68	72



**Figure 3**  
**(Track hidden)**

5. Prior to fixing the Guide Tracks to the wall, ensure the tops are formed as in Figure 4

- The 65mm high rear side is bent back from above the Top Stop at 15°.
- 8mm of the tip is bent back a further 45° where the Nylofelt webbing runs to avoid the sharp end from catching on the webbing. Bend remaining corner clear, as noted.
- The rear half of the angled side face is bent outward at about 5 degrees to allow clear entry of the nylon retainers into the track.

Once the tracks are installed, if required, these lead-in angles should be adjusted to ensure there is smooth entry of the nylon retainers and curtain from the roll and into the guide track top.

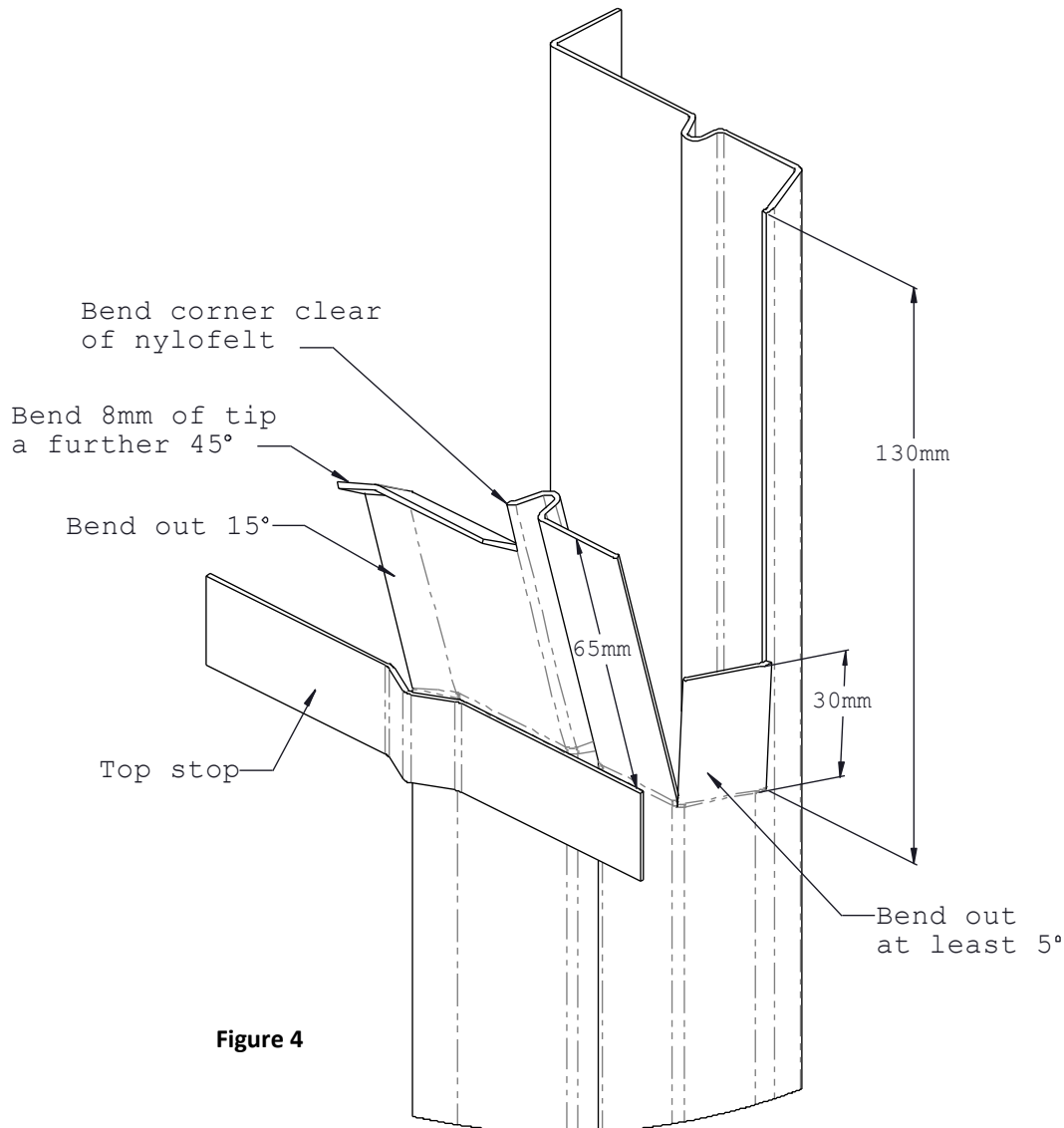


Figure 4

For more information contact Taurean Door Systems, Bayswater North, VIC (03) 9721 8366.

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