

Skyline Column Casings

Installation Guide

General

Aluminium Column Casings are suitable for fixing to both sectional steel and wood framing. Ensure column support framework is securely fixed and suitable to withstand the weight of the aluminium column casing. The support framework and mullions must be installed plumb and to the correct measurement to accommodate the column casings.

All support framework and mullions supplied by others.

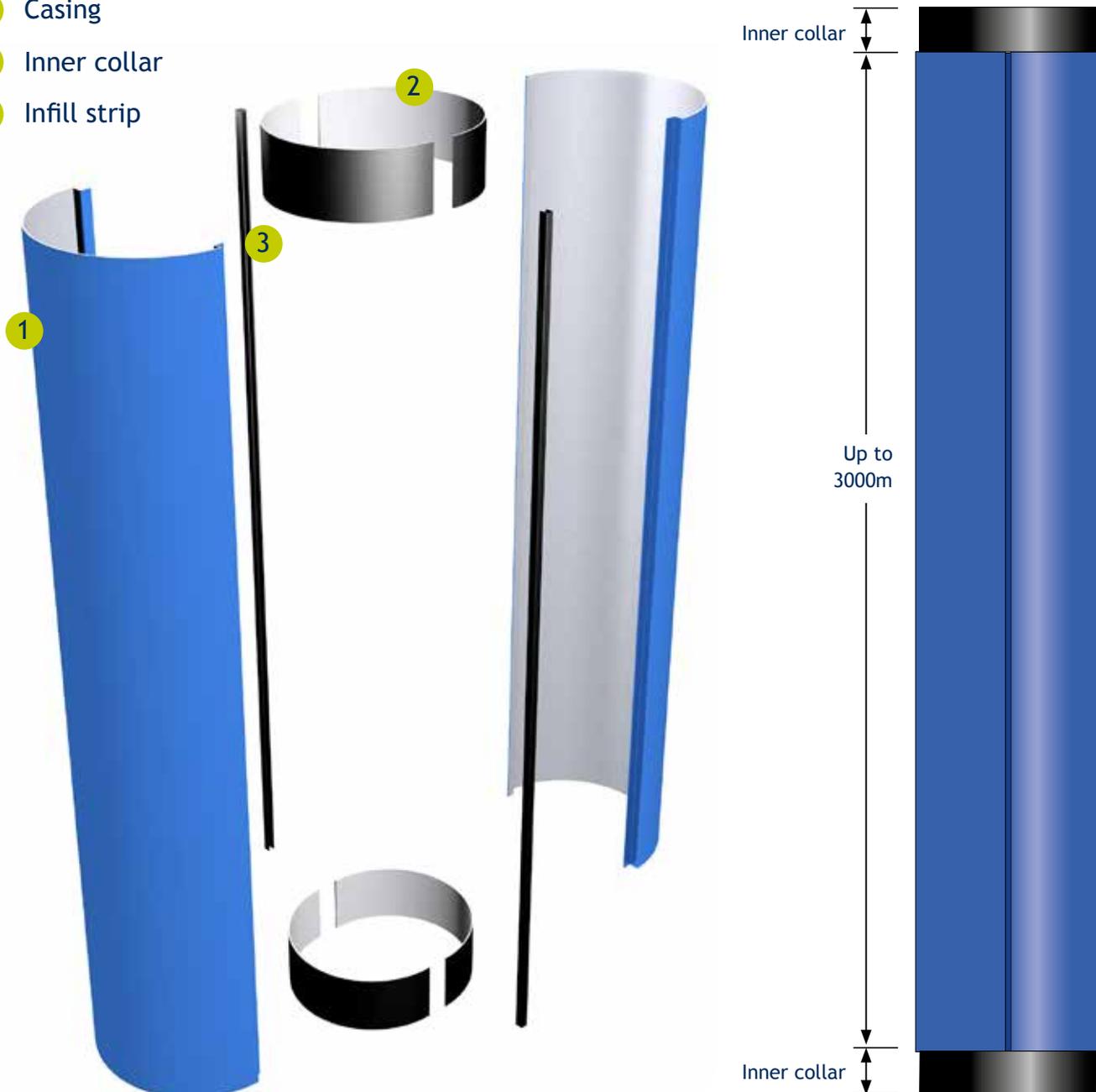
Fixings

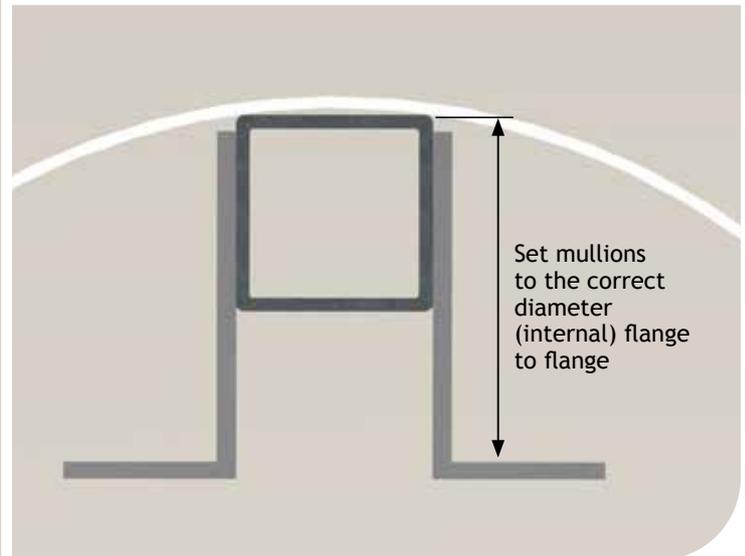
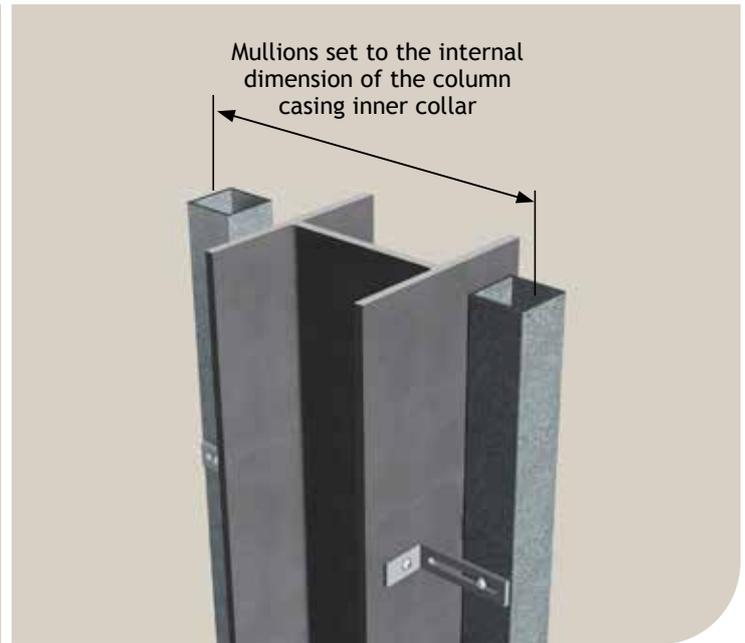
Screw fixings are not supplied. Only use high quality fixings and ensure fixings are suitable for the substrate. For advice, contact our Technical Service Team on 0330 2231731



Components

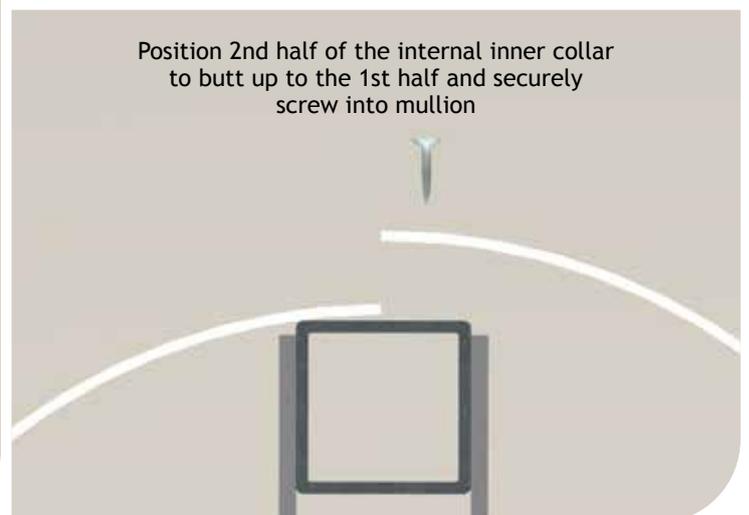
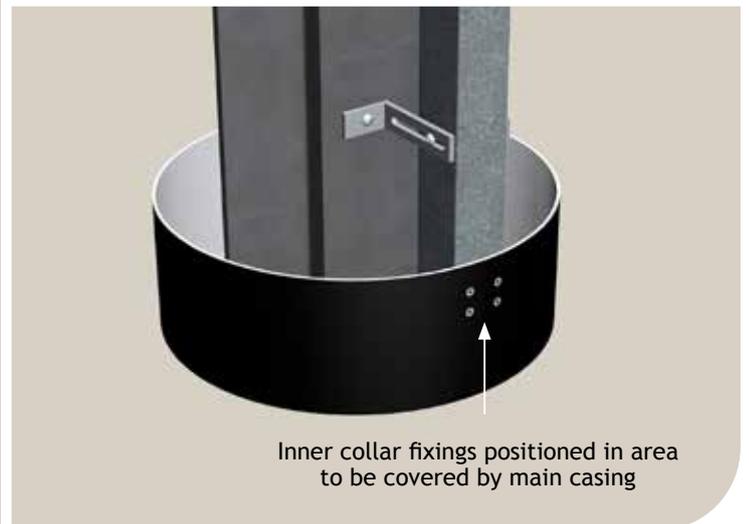
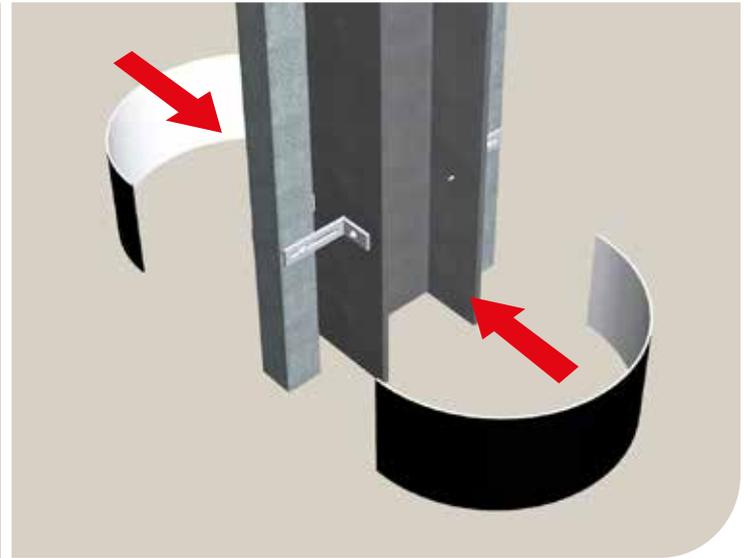
- 1 Casing
- 2 Inner collar
- 3 Infill strip



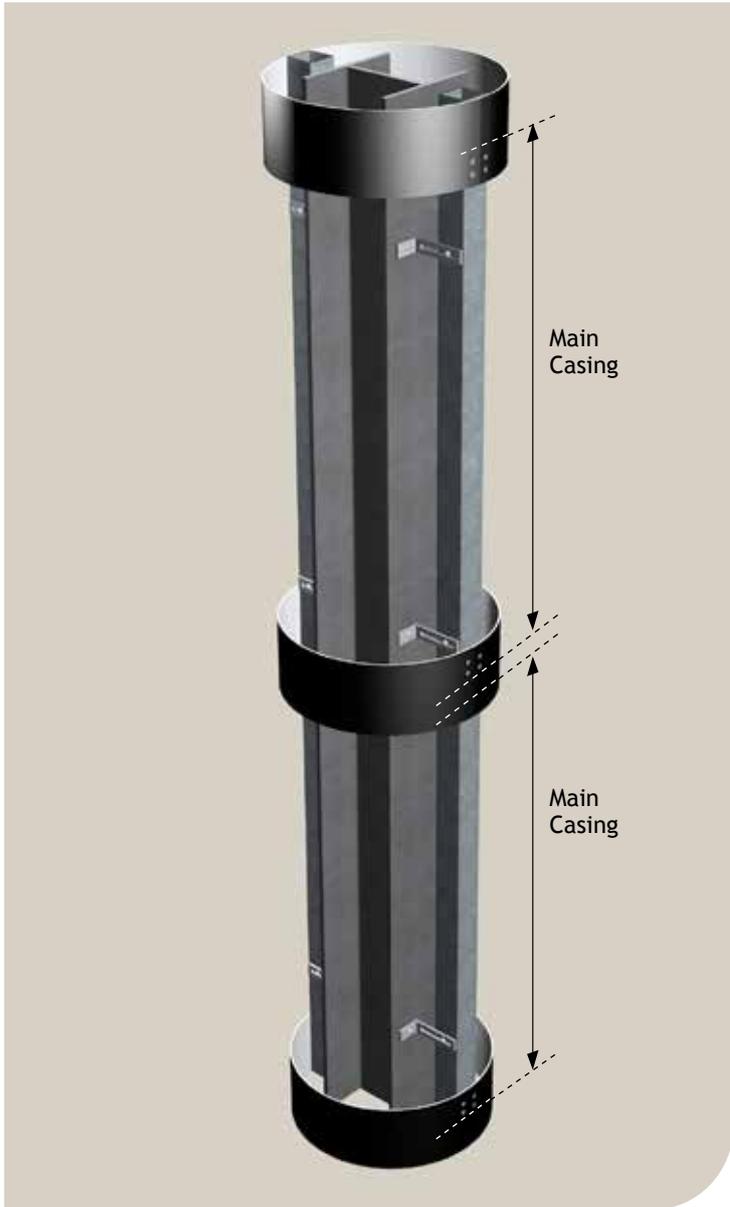


| Code | Diameter | Mullion Dimension | | Code | Square | Mullion Dimension | |
|-------|----------|-------------------|--------|-------|-------------|-------------------|--------|
| | | Inner collar | Column | | | Inner collar | Column |
| CC30 | 300mm | 238mm | 247mm | CS25 | 250x250mm | 188mm | 197mm |
| CC40 | 400mm | 338mm | 347mm | CS35 | 350x 350mm | 288mm | 297mm |
| CC50 | 500mm | 438mm | 447mm | CS45 | 450x 450mm | 388mm | 397mm |
| CC60 | 600mm | 538mm | 547mm | CS55 | 550x550mm | 488mm | 497mm |
| CC70 | 700mm | 638mm | 647mm | CS65 | 650x650mm | 588mm | 597mm |
| CC80 | 800mm | 738mm | 747mm | CS75 | 750x750mm | 688mm | 697mm |
| CC90 | 900mm | 838mm | 847mm | CS85 | 850x850mm | 788mm | 797mm |
| CC100 | 1000mm | 938mm | 947mm | CS100 | 1000x1000mm | 938mm | 947mm |

- Securely install a supporting framework around the existing structure using timber or metal mullions running vertically up the joint line of the column Casing. It is important that the supporting mullions are installed at the correct width to correspond with the internal dimension of the column casing. These vary slightly for Column casings installed with or without top/bottom inner collar. Please refer to the above table.



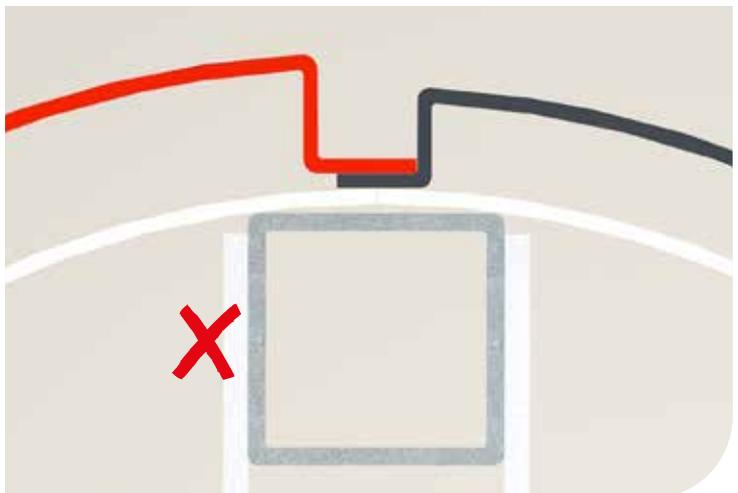
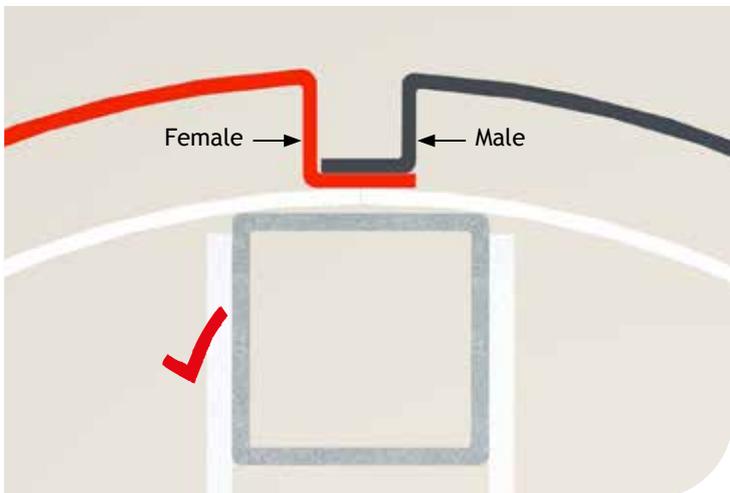
2. Mechanically fix inner collars to the aluminium (or timber) mullions, ensuring that fixings are positioned in such a way that they will be covered by the main column casing. Fixings should be countersunk flush to allow the main casing to fit over.



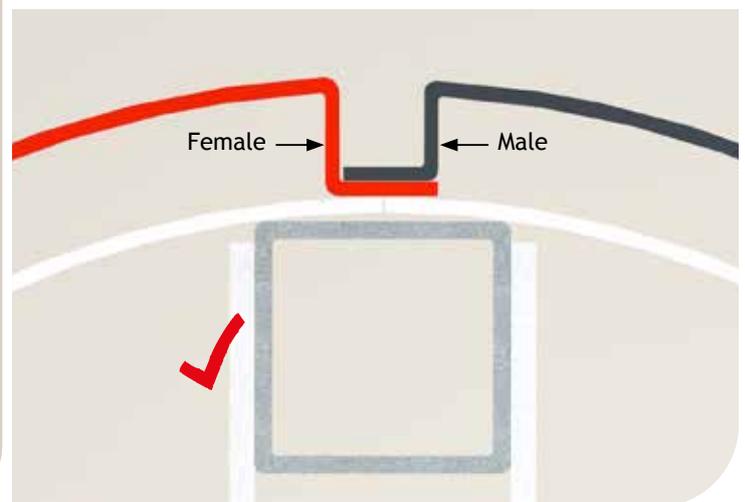
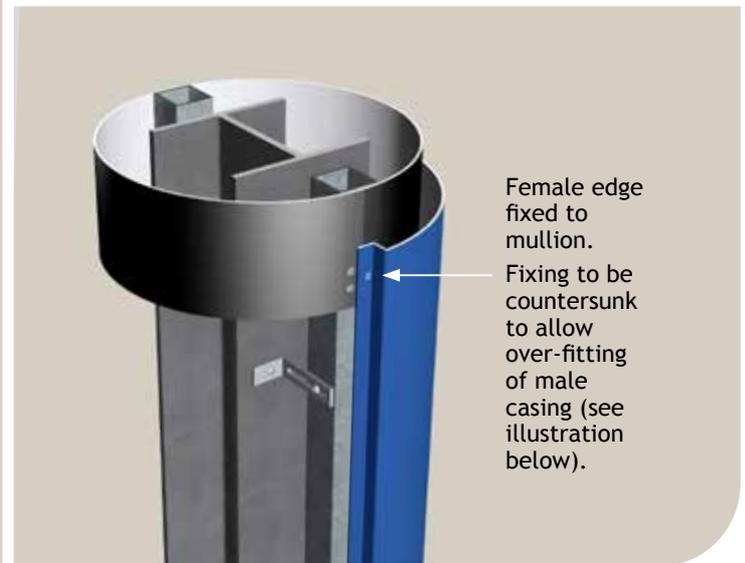
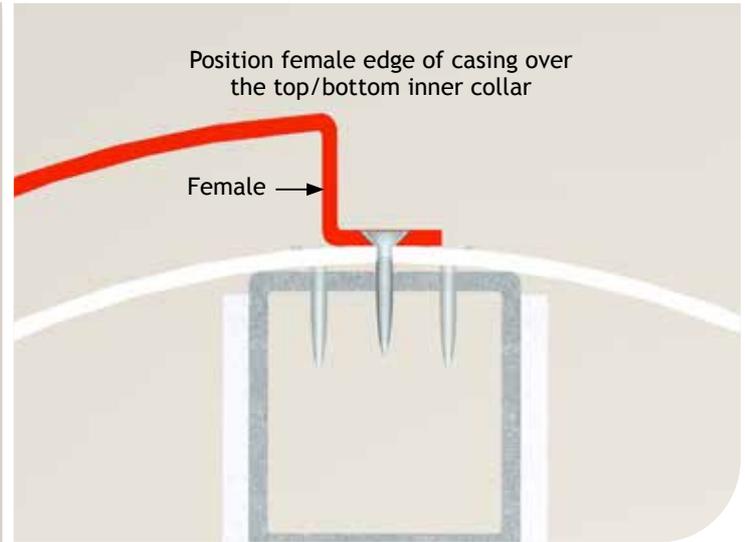
Note:

If the Column is over 3m in height or if there is an additional shadow feature in the column design then additional inner collars can be added at the joint.

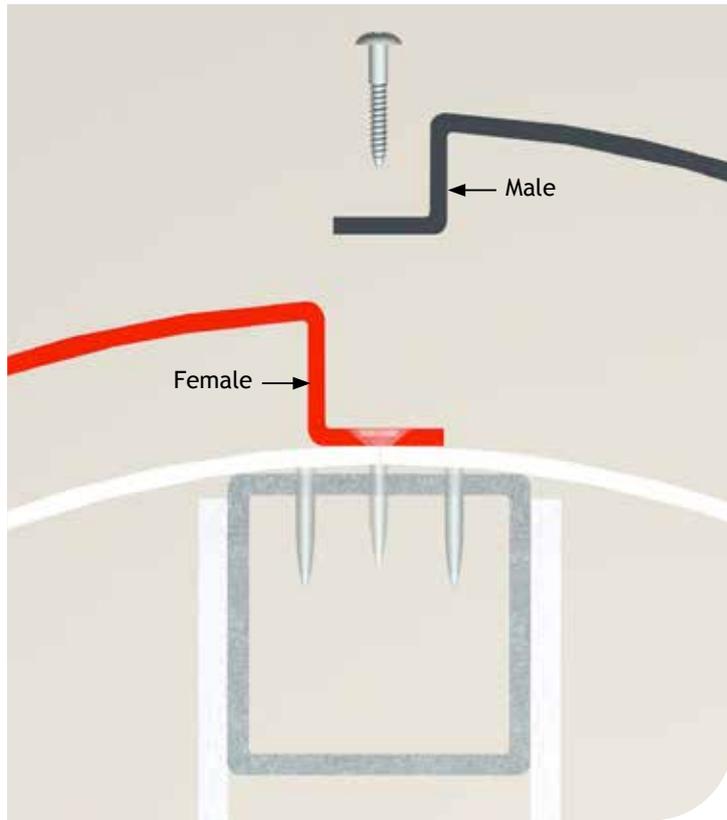
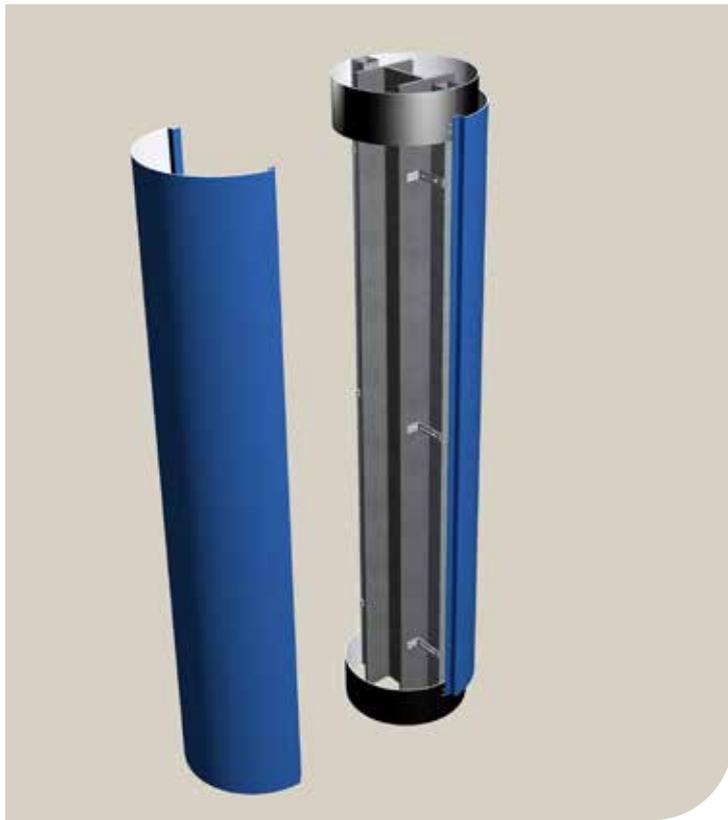
Note that fixings should position so that they are hidden by the main casing.



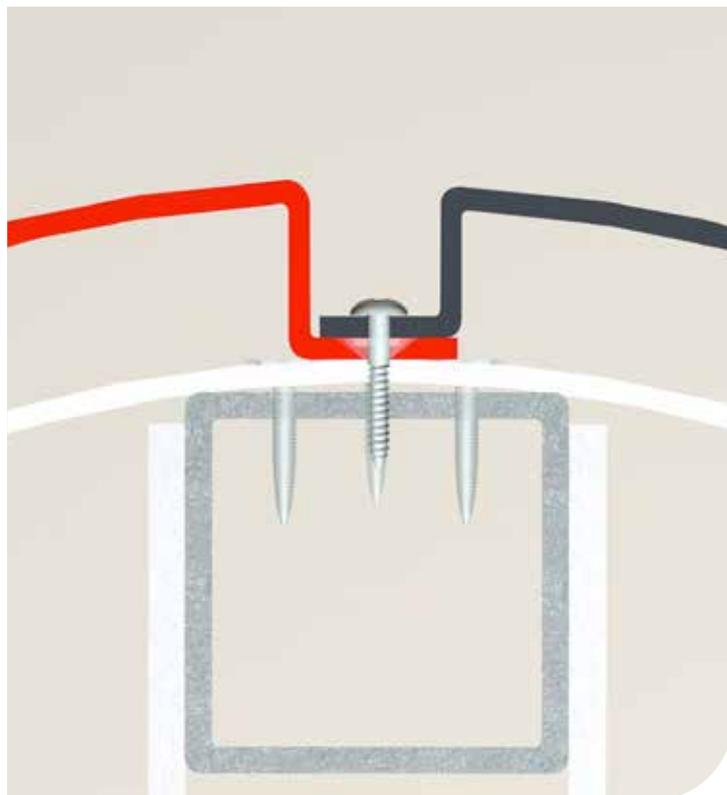
3. Before installing the main casing, it is important to note that the casing has a male and female connection and to ensure correct alignment these must be observed. It may be necessary to rotate one half top-to-bottom to achieve this as shown in the above illustration.



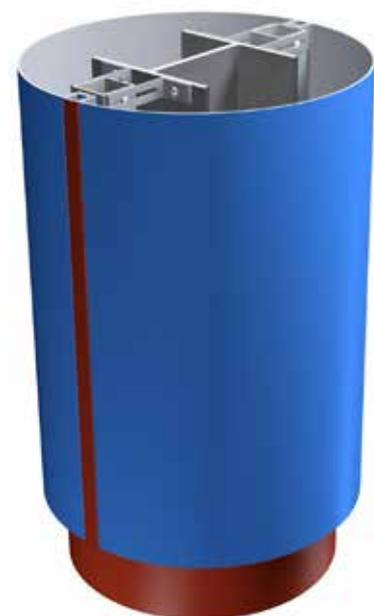
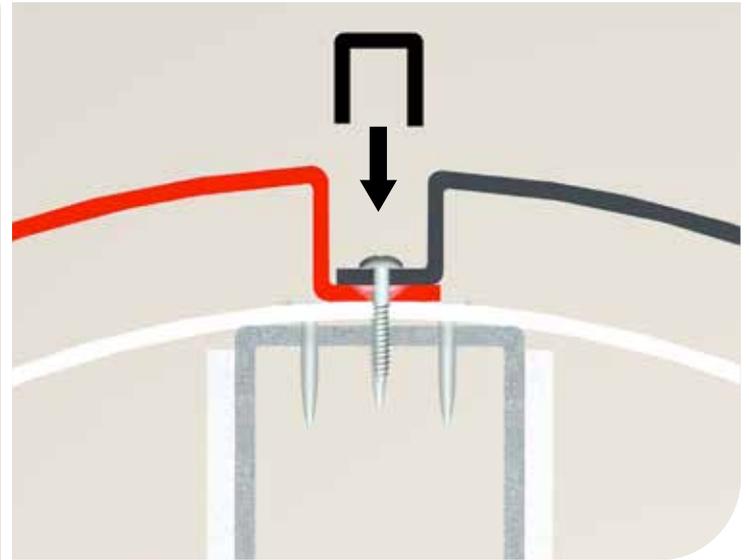
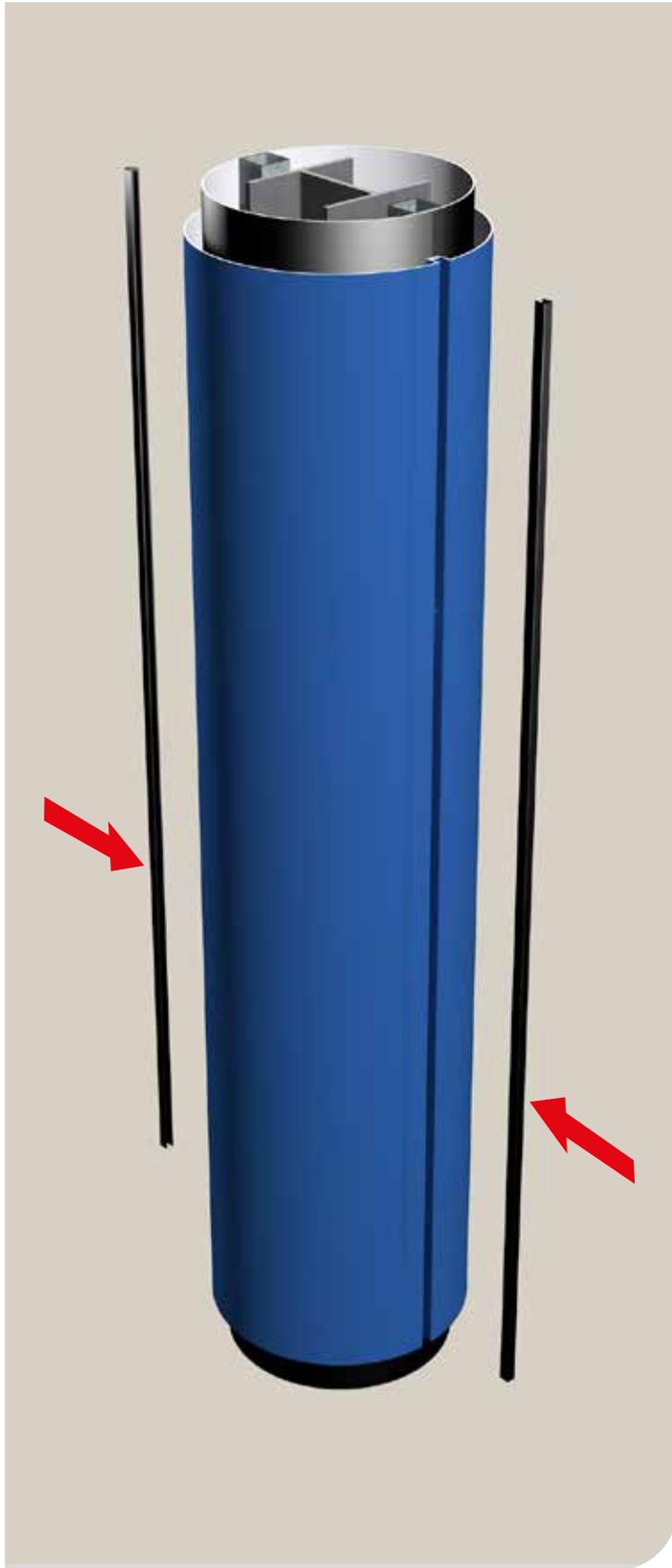
4. Using the mullion as a guide, starting with one half, locate the female edge and align vertically, ensuring the edge is plumb with the mullion. Place two countersunk fixings (top and bottom) to hold the half section temporarily in position. Use countersunk screws for this first section to accommodate the second section on top. Note: only fix one side for now (the female edge), do not fix the other side.



5. Take the other half section and marry up the male/female edges so that the column aligns correctly. Use a strap to hold sections together. Once in position, securely screw through female casing and mullion (avoid the same drilling position as the female section).



6. Check alignment and position, then mechanically fix through both halves into the mullion. Fixing at maximum 500mm centres recommended. Round head or hex head screws can be used at this stage as any fixing will be covered by the infill strip.



7. Insert the infill strip to complete the installation. Provided that the male/female end have aligned properly, then the infill strips should push in tight. We recommend that a bonded sealant is used to prevent tampering. For added security, use a small discreet self-tapping screw at the top and bottom.