

Product description

EQUITONE panels may be face fixed to an aluminium or galvanised steel metal supporting frame using the EQUITONE Stainless Steel UNI-Rivet.

The EQUITONE Stainless Steel UNI-Rivet can be used to fix: EQUITONE [linea], EQUITONE [lunara], EQUITONE [natura], EQUITONE [natura] PRO, EQUITONE [pictura], EQUITONE [tectiva], EQUITONE [textura], to a vertical facade, soffit or ceiling.



1. Technical Characteristics

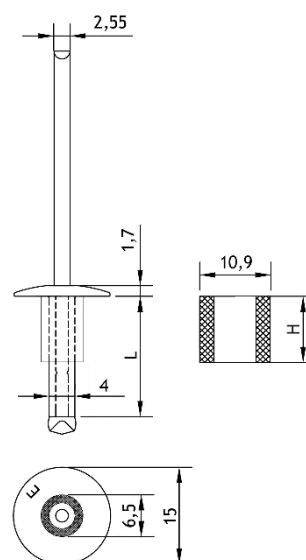
With its unique design the EQUITONE stainless steel UNI-Rivet fixing system provides EQUITONE fibre-cement façade panels with 3-way movement to ensure minimum strain on the panel.

EQUITONE Stainless Steel UNI-Rivet is available for:

| | |
|-------------------|----------------------|
| 8 mm thick panel | 4x18 K15 4x20 K15 |
| 10 mm thick panel | 4x20 K15 4x22 K15 |
| 12 mm thick panel | 4x22 K15 4x24 K15 |

Aluminium UNI-Rivet Dimensions

| | |
|-----------------------|---|
| Diameter | 4.0 mm |
| Length | 18 mm, 20 mm, 22 mm, 24 mm |
| Head diameter | 15 mm |
| Mandrel diameter | 2.55 mm |
| Spacer outer diameter | 6.5 mm |
| Spacer inner diameter | 4.1 mm |
| Spacer Length | SP8 - 10.25 mm for 8 mm panel SP10 - 12.25 mm for 10 mm panel SP12 - 14.25 mm for 12 mm panel |



Stainless Steel UNI-Rivet Materials

| | |
|----------------------------------|--|
| Body of rivet: | stainless steel 1.4567 (EN 10088-1) |
| Traction mandrel: | stainless steel 1.4541 (EN 10088-1) |
| GO Point Spacer SP8, SP10, SP12: | Green Polyamide with tolerance to ISO 2768 |

Characteristic head pull through resistance is 1775 N

Characteristic withdrawal resistance in 2 mm aluminium support frame with tensile strength of 245 N/mm² is 2149 N.

Framing thickness for Stainless Steel UNI-Rivet (8 mm Panel)

| | |
|------------------------------------|---|
| 4x18 K15 Stainless Steel UNI-Rivet | 1.7 mm to 3.75 mm metal frame thickness |
| 4x20 K15 Stainless Steel UNI-Rivet | 3.5 mm to 5.75 mm metal frame thickness |

Framing thickness for Stainless Steel UNI-Rivet (10 mm Panel)

| | |
|------------------------------------|---|
| 4x20 K15 Stainless Steel UNI-Rivet | 1.7 mm to 3.75 mm metal frame thickness |
| 4x22 K15 Stainless Steel UNI-Rivet | 3.5 mm to 5.75 mm metal frame thickness |

Framing thickness for Stainless Steel UNI-Rivet (12 mm Panel)

| | |
|------------------------------------|---|
| 4x22 K15 Stainless Steel UNI-Rivet | 1.7 mm to 3.75 mm metal frame thickness |
| 4x24 K15 Stainless Steel UNI-Rivet | 3.5 mm to 5.75 mm metal frame thickness |

Stainless Steel UNI-Rivet Coating:

The stainless steel UNI-Rivets have colour matched heads to match the panel colour.

The coating system is a two-layer process.

An optional marine protection is available on request.

The coating thickness is 30 - 80 µm depending on the finish.

2. STOP Point Sleeve

As part of the EQUITONE UNI-Rivet fixing system, a Red STOP point sleeve is used. This item is stamped with manufacturer's symbols.

STOP Point Sleeve Dimensions

| | |
|-------------------------------|----------|
| Sleeve outer diameter | 10.9 mm |
| Sleeve inner diameter | 6.7 mm |
| Sleeve Length for 8 mm panel | 10.25 mm |
| Sleeve Length for 10 mm panel | 12.25 mm |
| Sleeve Length for 12 mm panel | 14.25 mm |



STOP Point Sleeve Materials

| | |
|-------------------|--|
| STOP Point Sleeve | Red Polyamide with tolerance to ISO 2768 |
|-------------------|--|

Forming a STOP Point Fixing:

To form a STOP fixing point- push the Red STOP Point Sleeve over the green spacer on the EQUITONE UNI-Rivet.

3. Packaging

| | |
|--------------------|--------------------|
| EQUITONE UNI-Rivet | 100 pieces per box |
| STOP point Sleeve | 100 pieces per box |

4. Supporting Frame

Stainless Steel UNI-rivets can be used with aluminium, galvanised steel or stainless steel supporting frames. Note that UNI-Rivets can't be used without the UNI-Rivet Foam tape.

Disclaimer

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