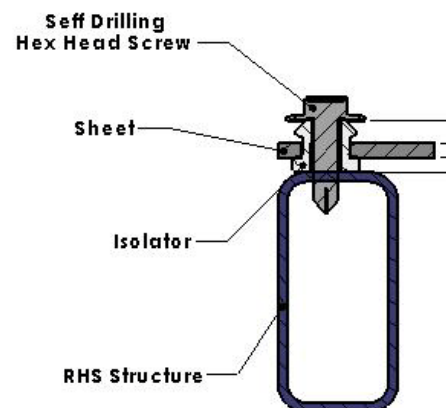
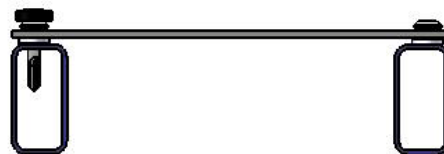


System: Perf Isolator



Application: Internal/External

- Balustrades
- Framed elements
- Security Panels
- Sunscreen Panels
- Feature Panels

Category: L11 range fixing solutions

Product Range: Perforated

Material: N/A

Finishing: N/A

Characteristics: The L11 Perforated Isolator is designed for applications that utilise dissimilar metals, in the perforated panel and the support structure, to eliminate the potential for corrosion. The L11 Perf Isolator protects the perforated panel only, the screw and support structure must still be the same material.

In addition, the L11 Perf Isolator offers some noise reduction, as it provides an absorption barrier between the panel and the structure. The shearing effect often caused by thermal expansion, is minimised as the L11 isolator provides some flexibility to the joint.

Related Drawings:

- 70008.pdf

Related Systems: The L11 Isolator is available in pack sizes of 200 units, and can be purchased alone, or as a complete installation kit with either Hex-Head or Wafer Head self drilling screws.

- Part # LF11.1 ISOLATOR Perf Isolators – 200/pack
- Part # LF11.2 ISOSCREW Hex Screws (to spec) min 1000 units
- Part # LF11.3 ISOHEX1224X32 Hex Screws 12g-24tpi-32lg min 1000 units
- Part # LF11.3 ISOHEXSCREWPC P/Coat Hex Screws (to spec) min 1000 units
- Part # LF11.4 ISOWAFER Isolator, W/Screw & washer min 1000 units

The L11 kits are designed for bolt holes 10.0mm (+0.5,-0) diameter using 12 Gauge or M6 screws. Minimum diameter of screw head is 15mm diameter.

Test results for galvanic reaction and material performance are available from the Locker Group Engineering department.

This information is provided as a guide only in respect to Locker Group products and intended applications.

- The information in this specification was prepared using technical data and market based experience available at the time of printing. While Locker Group endeavors to update this information and maintain the accuracy of its contents, Locker Group cannot guarantee that the information provided is wholly comprehensive.
- Locker Group recommends that you conduct such additional investigations as may be necessary to satisfy yourself of the accuracy, currency and comprehensiveness of the information on which you rely in using and handling the product.
- If you require further information, please contact Locker Group.

Load:	Load is dependent on the product chosen and the application.
Wind Load:	Wind load should be measured on site and consideration given to the suitable open area.
Additional Notes:	The appearance and durability of the final product is the responsibility of the builder and installation contractor. To achieve the indicated result, products must be installed in accordance with the recommendations above.
Caution:	<p>Locker Group recommends including bolt holes, or fixing holes, as part of the original drawing specifications. These can be incorporated into the perforation process, which prevents any subsequent damage to the panel.</p> <p>Powder coated substrates: drilling holes or damage during installation on powder coated panels can break the seal formed for the protection of the underlying metal. This leaves the substrate exposed to potential corrosion where the seal has been broken. Any damage should be repaired immediately in accordance with coating manufacturer's instructions.</p>
Installation:	Please use care with regard to torque and speed when installing the Perforated isolators.
Australian Standard:	AS 1170.0 -1170.2 Structural Design Actions must be used in conjunction with this document.
Cleaning:	Any metal exposed to the environment needs to be regularly cleaned to remove particles which may cause tea staining and corrosion. This is especially important in coastal and high traffic city/urban locations.

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