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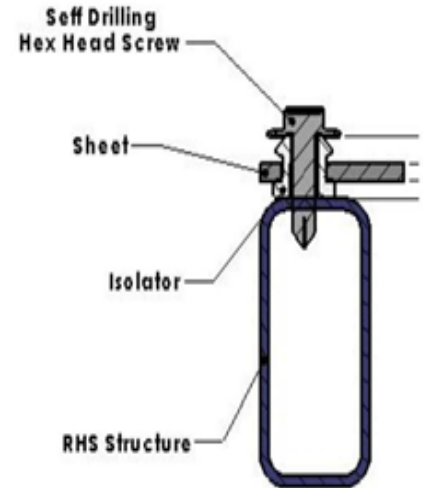
Technical Data Sheet

Sheet No: LF-11.0

April 2024

Architectural Fixing System L11.0

System: Perf Isolator



Application:	<p>Internal/External</p> <ul style="list-style-type: none"> • Balustrades • Framed Elements • Security Panels • Sunscreen Panels • Feature Panels
Category:	L11 range fixing solutions
Product Range:	Perforated
Material:	N/A
Finishing:	N/A
Characteristics:	<p>The L.11 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 the support structure must still be the same material.</p> <p>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.</p>
Related Drawings:	<ul style="list-style-type: none"> • L

This information is provided as a guide only in respect to Webforge Locker 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 Webforge Locker endeavours to update this information and maintain the accuracy of its contents, Webforge Locker cannot guarantee that the information provided is wholly comprehensive.
- Webforge Locker 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 Webforge Locker.

Related Systems:	<p>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.</p> <ul style="list-style-type: none"> • Part No LF11.1 Isolator Perf Isolators-200/pack • Part No LF11.2 Isoscrew Hex Screws (to spec) min 1000 units • Part No LF11.3 Isohex1224x32 Hex Screws 12g-24tpi-32lg min 1000 units • Part No LF11.3 Isohexscrewpc P/Coat Hex Screws (to spec) min 1000 units • Part No LF11.4 Isowafer Isolator, W/Screw & washer min 1000 units <p>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 Webforge Locker Engineering department.</p>
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 the installation contractor. To achieve the indicated result, products must be installed in accordance with the recommendations above.
Caution:	<p>Webforge Locker recommends including bolts 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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