



A valmont COMPANY

Technical Data Sheet

Sheet No: LF-4.3

April 2024

Architectural Fixing System L4.3A

System: Spigot



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| Application: | Internal/External <ul style="list-style-type: none"> • Facades • Space Sculpting • Sunscreen Panels • Feature Panels |
| Category: | L4 spider and spigot range attachment solutions |
| Product Range: | Expanded, Perforated and Wire |
| Material: | Stainless Steel T304 & Mild Steel (Internal), T316 (External) |
| Finishing: | Mill, Polished, Electro-Polished, Powder Coated, 2 pack Epoxy and Electro-plated. |
| Characteristics: | <p>The L4.3 spigot is an effective single point attachment system which can be directly fixed to the existing structure without the need for a secondary support structure. The spigot aids when the design calls for an accentuated element and is compatible with a wide range of Webforge Locker products.</p> <p>The spigot is designed with inherent flexibility so the distance from the base structure to the mesh can be varied to match the design intent.</p> |
| Related Drawings: | <ul style="list-style-type: none"> • L |
| Related Systems: | <p>There are 4 standard spider/spigot sets that make up the L4.0 system:</p> <ul style="list-style-type: none"> • L4.3 45mm Spigot • L4.1 45mm • L4.2 25mm • L4.4 Cap Spigot |

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.

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| Load: | <p>An installation utilising Spigots can be tailored depending on the design requirements. However, for a 'standard' installation, there is a maximum that 4 Spigots can support.</p> <ul style="list-style-type: none"> • Perforated panels – maximum size is 1000mm x 1800mm • Wire panels – maximum size is 1200mm x 2000mm • Expanded panels – maximum size is 1000mm x 2000mm |
| Wind Load: | <p>Wind load should be measured on site and consideration given to the suitable open area.</p> |
| Additional Notes: | <p>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.</p> |
| Caution: | <p>The components of the L4.3 system are specifically designed for the loads stated and have been designed as a complete system. Use of single elements in isolation is not recommended and cannot be guaranteed.</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> |
| Australian Standard: | <p>AS 1170.0-1170.2 Structural Design Actions must be used in conjunction with this document.</p> |
| Cleaning: | <p>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.</p> |

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