



Alto And DemiAlto

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Detailed description

Alto and DemiAlto represent a pressure-locked range of gratings which are characterized by a rectangular aperture 132 mm high.

The process of pressure-locking produces a very high quality material with perfectly formed intersections between the vertical and horizontal flat bars, resulting in the most aesthetic grating for vertical applications.

The flexibility of this method of manufacture means that production can be readily adapted to provide gratings to individual specifications of weight, aperture and performance.

Alto is manufactured from equal sections of flat bar which provides an identical appearance from both sides. DemiAlto is manufactured from flat bars of unequal depth; the standard section of horizontal transverse bearing bar is 10 x 2 mm.

All panels are manufactured to custom sizes and supplied framed and fully finished.

Panels and posts can be supplied galvanized only or galvanized and powder coated to any RAL colour.

Product guidance - As Standard

Material:

Electrofused steel S235JR.

Options

Panel type:

- Alto:

Alternative flat bars are available as follows: 25 x 3; 30 x 2; 30 x 3; 30 x 4; 40 x 2; 40 x 3; 40 x 4; 40 x 5 and 50 x 3 up to 70 x 5 mm.

-DemiAlto:

Alternative bearing bars are available as follows: 25 x 3; 30 x 2; 30 x 3; 30 x 4; 40 x 2; 40 x 3; 40 x 4; 40 x 5 and 50 x 3 up to 70 x 5 mm.

Apertures:

Alto and DemiAlto can be manufactured in other apertures, at 11 mm increments.

Fixing:

- There are three alternative fixing methods with a minimum of four fixing points per panel:
- Through holes in the framing bar.



- Through welded plates.
- With clamping brackets.

Finishing:

Polyester powder coating is a multi-stage process which applies thermo-setting resins producing a superior finish to painting.

Secondary steelwork:

Secondary support steelwork is designed and supplied as required.

Product specification

Manufacturer

- Name: Lang+Fulton
- Web: www.langandfulton.co.uk
- Email: sales@langandfulton.co.uk
- Tel: +44 (0)131 441 1255
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- Address: Head Office & Technical Centre, Unit 2b, Newbridge Industrial Estate, Edinburgh, Scotland EH28 8PJ

Product reference Alto
DemiAlto

Panel

- Type Alto - 33 - 33 x 132 mm aperture (w x h) / 25 x 2 mm flat bars.
Alto - 44 - 44 x 132 mm aperture (w x h) / 25 x 2 mm flat bars.
Alto - 55 - 55 x 132 mm aperture (w x h) / 25 x 2 mm flat bars.
Alto - 66 - 66 x 132 mm aperture (w x h) / 25 x 2 mm flat bars.
DemiAlto - 33 - 33 x 132 mm aperture (w x h) / 25 x 2 mm vertical bar, 10 x 2 mm transverse bar.
DemiAlto - 44 - 44 x 132 mm aperture (w x h) / 25 x 2 mm vertical bar, 10 x 2 mm transverse bar.
DemiAlto - 55 - 55 x 132 mm aperture (w x h) / 25 x 2 mm vertical bar, 10 x 2 mm transverse bar.
DemiAlto - 66 - 66 x 132 mm aperture (w x h) / 25 x 2 mm vertical bar, 10 x 2 mm transverse bar.
- Size
- Transverse bars Not applicable - Delete property if specifying Alto.



Back position - Back accentuates a linear appearance.

Front position - Front accentuates the rectangular appearance.

- Fixing

Through holes in the framing bar
Through welded plates
With clamping brackets

Finish

Hot dip galvanized - To BS EN ISO 1461.
Hot dip galvanized and polyester powder coated - Insert RAL or BS colour to BS EN ISO 1461 and BS EN 13438.