**H31/L11 Architectural Screens: Metal Cladding/Metal Screens Louvres**

**Supplied by Lang+Fulton (formerly Orsogril UK)**

Head office / Technical & Sales: Lang+Fulton, Newbridge Industrial Estate, Newbridge, Edinburgh EH28 8PJ

Distribution: Cygnus Point, Black Country New Road, West Bromwich B70 0BD

Tel 0131 441 1255; Fax 0131 441 4161; sales@langandfulton.co.uk; www.langandfulton.co.uk

**Product Types**

**Gratings**

**1. Stereo-2**

**2. Stereo-3**

**3. Stereo-4**

**4. Piazza-25**

**5. Piazza-25H**

**6. Piazza-43**

**7. Piazza-43H**

**8. Piazza-63**

**9. Piazza126**

**10. Micro-15**

**11. Micro-25**

**12. Micro-34**

**13. Terra-15**

**14. Terra-25**

**15. Terra-34**

**Louvres**

**16. Italia-80**

**17. Italia-100**

**18. DeltaWing-100**

**19. DeltaWing-90**

**20. DeltaWing-70**

**21. DeltaWing-45**

**22. DeltaWing-35**

**23. DeltaBox-100**

**24. DeltaBox-90**

**25. DeltaBox-70**

**26. DeltaBox-45**

**27. DeltaBox-35**

**28. DeltaFoil-22**

**29. DeltaFoil-33**

**30. DeltaFoil-44**

**31. DeltaFoil-66**

**32. DeltaFoil-88**

**Pressure-Locked Grating Range**

Contact Lang+Fulton’s Technical Office

**1. Stereo-2**

**Stereo-2:** grating with aperture of 63x132mm, made up of 25x2mm vertical flat bars and 5mm diameter horizontal round bars, framed top and bottom, steel section and weight determined by application

**Manufacture & Material**

Electrofused steel S235JR

**Panel Dimensions**

**Panels:** fabricated to size by Lang+Fulton

**Fixing Methods**

Panels bolted to structure a) through plates welded between or behind vertical flat bars or b) directly through top and bottom frames

**Finishing**

Options:

 **(a)** hot dipped galvanized to BS EN ISO 1461

 **(b)** hot dipped galvanized to BS EN ISO 1461 and polyester powder coated to BS EN 13438 in any standard RAL colour

**Installation**

**Fastenings:** M10x25mm stainless steel bolts with domed heads and snap-off security nuts, all stainless steel grade AISI 303

**2. Stereo-3**

**Stereo-3:** grating with aperture of 63x132mm, made up of 25x3mm vertical flat bars and 5mm diameter horizontal round bars, framed top and bottom, steel section and weight determined by application

**Manufacture & Material**

Electrofused steel S235JR

**Panel Dimensions**

**Panels:** fabricated to size by Lang+Fulton

**Fixing Methods**

Panels bolted to structure a) through plates welded between or behind vertical flat bars or b) directly through top and bottom frames

**Finishing**

Options:

 **(a)** hot dipped galvanized to BS EN ISO 1461

 **(b)** hot dipped galvanized to BS EN ISO 1461 and polyester powder coated to BS EN 13438 in any standard RAL colour

**Installation**

**Fastenings:** M10x25mm stainless steel bolts with domed heads and snap-off security nuts, all stainless steel grade AISI 303

**3. Stereo-4**

**Stereo-4:** grating with aperture of 63x132mm, made up of 30x4mm vertical flat bars and 5mm diameter horizontal round bars, framed top and bottom, steel section and weight determined by application

Option:

40x3mm vertical flat bars

**Manufacture & Material**

Electrofused steel S235JR

**Panel Dimensions**

**Panels:** fabricated to size by Lang+Fulton

**Fixing Methods**

Panels bolted to structure a) through plates welded between or behind vertical flat bars or b) directly through top and bottom frames

**Finishing**

Options:

 **(a)** hot dipped galvanized to BS EN ISO 1461

 **(b)** hot dipped galvanized to BS EN ISO 1461 and polyester powder coated to BS EN 13438 in any standard RAL colour

**Installation**

**Fastenings:** M10x25mm stainless steel bolts with domed heads and snap-off security nuts, all stainless steel grade AISI 303

**4. Piazza-25**

**Piazza-25:** grating with aperture of 25x25mm, made up of 25x2mm vertical flat bars and 4mm diameter horizontal round bars, framed top and bottom, steel section and weight determined by application

**Manufacture & Material**

Electrofused steel S235JR

**Panel Dimensions**

**Panels:** fabricated to size by Lang+Fulton

**Fixing Methods**

Panels bolted to structure a) through plates welded between or behind vertical flat bars or b) directly through top and bottom frames

**Finishing**

Options:

 **(a)** hot dipped galvanized to BS EN ISO 1461

 **(b)** hot dipped galvanized to BS EN ISO 1461 and polyester powder coated to BS EN 13438 in any standard RAL colour

**Installation**

**Fastenings:** M10x25mm stainless steel bolts with domed heads and snap-off security nuts, all stainless steel grade AISI 303

**5. Piazza-25H**

**Piazza-25:** grating with aperture of 25x25mm, made up of 25x2mm horizontal flat bars and 4mm diameter vertical round bars, framed on both sides, steel section and weight determined by application

**Manufacture & Material**

Electrofused steel S235JR

**Panel Dimensions**

**Panels:** fabricated to size by Lang+Fulton

**Fixing Methods**

Panels bolted to structure a) through plates welded between or behind horizontal flat bars or b) directly through frames on both sides

**Finishing**

Options:

 **(a)** hot dipped galvanized to BS EN ISO 1461

 **(b)** hot dipped galvanized to BS EN ISO 1461 and polyester powder coated to BS EN 13438 in any standard RAL colour

**Installation**

**Fastenings:** M10x25mm stainless steel bolts with domed heads and snap-off security nuts, all stainless steel grade AISI 303

**6. Piazza-43**

**Piazza-43:** grating with aperture of 43x44mm, made up of 25x2mm vertical flat bars and 4mm diameter horizontal round bars, framed top and bottom, steel section and weight determined by application

**Manufacture & Material**

Electrofused steel S235JR

**Panel Dimensions**

**Panels:** fabricated to size by Lang+Fulton

**Fixing Methods**

Panels bolted to structure a) through plates welded between or behind vertical flat bars or b) directly through top and bottom frames

**Finishing**

Options:

 **(a)** hot dipped galvanized to BS EN ISO 1461

 **(b)** hot dipped galvanized to BS EN ISO 1461 and polyester powder coated to BS EN 13438 in any standard RAL colour

**Installation**

**Fastenings:** M10x25mm stainless steel bolts with domed heads and snap-off security nuts, all stainless steel grade AISI 303

**7. Piazza-43H**

**Piazza-43H:** grating with aperture of 44x43mm, made up of 25x2mm horizontal flat bars and 4mm diameter vertical round bars, framed on both sides, steel section and weight determined by application

**Manufacture & Material**

Electrofused steel S235JR

**Panel Dimensions**

**Panels:** fabricated to size by Lang+Fulton

**Fixing Methods**

Panels bolted to structure a) through plates welded between or behind horizontal flat bars or b) directly through frames on both sides

**Finishing**

Options:

 **(a)** hot dipped galvanized to BS EN ISO 1461

 **(b)** hot dipped galvanized to BS EN ISO 1461 and polyester powder coated to BS EN 13438 in any standard RAL colour

**Installation**

**Fastenings:** M10x25mm stainless steel bolts with domed heads and snap-off security nuts, all stainless steel grade AISI 303

**8. Piazza-63**

**Piazza-63:** grating with aperture of 63x66mm, made up of 25x2mm or 25x3mm vertical flat bars and 5mm diameter horizontal round bars, framed top and bottom, steel section and weight determined by application

**Manufacture & Material**

Electrofused steel S235JR

**Panel Dimensions**

**Panels:** fabricated to size by Lang+Fulton

**Fixing Methods**

Panels bolted to structure a) through plates welded between or behind vertical flat bars or b) directly through top and bottom frames

**Finishing**

Options:

 **(a)** hot dipped galvanized to BS EN ISO 1461

 **(b)** hot dipped galvanized to BS EN ISO 1461 and polyester powder coated to BS EN 13438 in any standard RAL colour

**Installation**

**Fastenings:** M10x25mm stainless steel bolts with domed heads and snap-off security nuts, all stainless steel grade AISI 303

**9. Piazza-126**

**Piazza-126:** grating with aperture of 126x132mm, made up of 25x3mm vertical flat bars and 5mm diameter horizontal round bars, framed top and bottom, steel section and weight determined by application

**Manufacture & Material**

Electrofused steel S235JR

**Panel Dimensions**

**Panels:** fabricated to size by Lang+Fulton

**Fixing Methods**

Panels bolted to structure a) through plates welded between or behind vertical flat bars or b) directly through top and bottom frames

**Finishing**

Options:

 **(a)** hot dipped galvanized to BS EN ISO 1461

 **(b)** hot dipped galvanized to BS EN ISO 1461 and polyester powder coated to BS EN 13438 in any standard RAL colour

**Installation**

**Fastenings:** M10x25mm stainless steel bolts with domed heads and snap-off security nuts, all stainless steel grade AISI 303

**10. Micro-15**

**Micro-15:** grating with aperture of 76x15mm, made up of 25x2mm horizontal flat bars and 4mm diameter vertical round bars, framed on both sides, steel section and weight determined by application

Options:

25x3, 30x2, 30x3, 40x3 or 50x3mm horizontal flat bars

**Manufacture & Material**

Electrofused steel S235JR

**Panel Dimensions**

**Panels:** fabricated to size by Lang+Fulton

**Fixing Methods**

Panels bolted to structure a) through plates welded behind horizontal flat bars or b) directly through frames on both sides

**Finishing**

Options:

 **(a)** hot dipped galvanized to BS EN ISO 1461

 **(b)** hot dipped galvanized to BS EN ISO 1461 and polyester powder coated to BS EN 13438 in any standard RAL colour

**Installation**

**Fastenings:** M10x25mm stainless steel bolts with domed heads and snap-off security nuts, all stainless steel grade AISI 303

**11. Micro-25**

**Micro-25:** grating with aperture of 76x25mm, made up of 25x2mm horizontal flat bars and 4mm diameter vertical round bars, framed on both sides, steel section and weight determined by application

Options:

25x3, 30x2, 30x3, 40x3, 50x4, 60x4 or 70x4mm horizontal flat bars

**Manufacture & Material**

Electrofused steel S235JR

**Panel Dimensions**

**Panels:** fabricated to size by Lang+Fulton

**Fixing Methods**

Panels bolted to structure a) through plates welded between or behind horizontal flat bars or b) directly through frames on both sides

**Finishing**

Options:

 **(a)** hot dipped galvanized to BS EN ISO 1461

 **(b)** hot dipped galvanized to BS EN ISO 1461 and polyester powder coated to BS EN 13438 in any standard RAL colour

**Installation**

**Fastenings:** M10x25mm stainless steel bolts with domed heads and snap-off security nuts, all stainless steel grade AISI 303

**12. Micro-34**

**Micro-34:** grating with aperture of 100x34mm, made up of 25x2mm horizontal flat bars and 4mm diameter round bars, framed on both sides, steel section and weight determined by application

Options:

30x2 or 30x3mm horizontal flat bars

**Manufacture & Material**

Electrofused steel S235JR

**Panel Dimensions**

**Panels:** fabricated to size by Lang+Fulton

**Fixing Methods**

Panels bolted to structure a) through plates welded between or behind horizontal flat bars or b) directly through frames on both sides

**Finishing**

Options:

 **(a)** hot dipped galvanized to BS EN ISO 1461

 **(b)** hot dipped galvanized to BS EN ISO 1461 and polyester powder coated to BS EN 13438 in any standard RAL colour

**Installation**

**Fastenings:** M10x25mm stainless steel bolts with domed heads and snap-off security nuts, all stainless steel grade AISI 303

**13. Terra-15**

**Terra-15:** grating with aperture of 15x76mm, made up of 25x2mm vertical flat bars and 4mm diameter horizontal round bars, framed on top and bottom, steel section and weight determined by application

Options:

25x3, 30x2, 30x3, 40x3 or 50x3mm vertical flat bars

**Manufacture & Material**

Electrofused steel S235JR

**Panel Dimensions**

**Panels:** fabricated to size by Lang+Fulton

**Fixing Methods**

Panels bolted to structure a) through plates welded behind vertical flat bars or b) directly through top and bottom frames

**Finishing**

Options:

 **(a)** hot dipped galvanized to BS EN ISO 1461

 **(b)** hot dipped galvanized to BS EN ISO 1461 and polyester powder coated to BS EN 13438 in any standard RAL colour

**Installation**

**Fastenings:** M10x25mm stainless steel bolts with domed heads and snap-off security nuts, all stainless steel grade AISI 303

**14. Terra-25**

**Terra-25:** grating with aperture of 25x76mm, made up of 25x2mm vertical flat bars and 4mm diameter horizontal round bars, framed on both sides, steel section and weight determined by application

Options:

25x3, 30x2, 30x3, 40x3, 50x4, 60x4 or 70x4mm vertical flat bars

**Manufacture & Material**

Electrofused steel S235JR

**Panel Dimensions**

**Panels:** fabricated to size by Lang+Fulton

**Fixing Methods**

Panels bolted to structure a) through plates welded between or behind vertical flat bars or b) directly through top and bottom frames

**Finishing**

Options:

 **(a)** hot dipped galvanized to BS EN ISO 1461

 **(b)** hot dipped galvanized to BS EN ISO 1461 and polyester powder coated to BS EN 13438 in any standard RAL colour

**Installation**

**Fastenings:** M10x25mm stainless steel bolts with domed heads and snap-off security nuts, all stainless steel grade AISI 303

**15. Terra-34**

**Terra-34:** grating with aperture of 34x100mm, made up of flat bars ranging from 25x2 to 80x4mm and 4 / 5 / 6mm diameter round bars, framed on both sides, steel section and weight determined by application

Options:

30x2 or 30x3mm vertical flat bars

**Manufacture & Material**

Electrofused steel S235JR

**Panel Dimensions**

**Panels:** fabricated to size by Lang+Fulton

**Fixing Methods**

Panels bolted to structure a) through plates welded between or behind vertical flat bars or b) directly through top and bottom frames

**Finishing**

Options:

 **(a)** hot dipped galvanized to BS EN ISO 1461

 **(b)** hot dipped galvanized to BS EN ISO 1461 and polyester powder coated to BS EN 13438 in any standard RAL colour

**Installation**

**Fastenings:** M10x25mm stainless steel bolts with domed heads and snap-off security nuts, all stainless steel grade AISI 303

**16. Italia-80**

**Italia-80:** louvred grating made up of 50x1.5mm three times flanged louvre, placed at 46mm centres and 4mm diameter round bars, framed on both sides with steel flat bar or angle section, weight determined by application

**Manufacture & Material**

Electrofused steel S235JR

**Panel Dimensions**

**Panels:** fabricated to size by Lang+Fulton

**Fixing Methods**

Panels bolted to structure on both sides a) in line through flat framing bar or b) behind louvre at 90º through the angled framing bar

**Finishing**

Options:

 **(a)** hot dipped galvanized to BS EN ISO 1461

 **(b)** hot dipped galvanized to BS EN ISO 1461 and polyester powder coated to BS EN 13438 in any standard RAL colour

**Installation**

**Fastenings:** M10x25mm stainless steel bolts with domed heads and snap-off security nuts, all stainless steel grade AISI 303

**17. Italia-100**

**Italia-100:** louvred grating made up of 69x1.5mm three times flanged louvre, placed at 46mm centres and 4mm diameter round bars, framed on both sides, steel section and weight determined by application

**Manufacture & Material**

Electrofused steel S235JR

**Panel Dimensions**

**Panels:** fabricated to size by Lang+Fulton

**Fixing Methods**

Panels bolted to structure on both sides a) in line through flat framing bar or b) behind louvre at 90º through the angled framing bar on both sides

Options:

 **(a)** hot dipped galvanized to BS EN ISO 1461

 **(b)** hot dipped galvanized to BS EN ISO 1461 and polyester powder coated to BS EN 13438 in any standard RAL colour

**Installation**

**Fastenings:** M10x25mm stainless steel bolts with domed heads and snap-off security nuts, all stainless steel grade AISI 303

**18. DeltaWing-100**

**DeltaWing-100:** louvred grating made up of 40x2mm flat bars set at an angle of 45º, placed at 22mm centres and 20x2mm vertical flat bars at 132mm centres, generally framed on all sides

**Manufacture & Material**

Pressure-Locked steel S235JR

**Panel Dimensions**

**Panels:** fabricated to size by Lang+Fulton up to a maximum of 1600x1850mm (hxw), exceptionally up to 4m2.

Greater heights are achieved by stacking panels – the top/bottom edges of adjacent panels are unframed for continuity of appearance.

**Fixing Methods**

Panels bolted to structure on both sides a) in line through 50x4mm flat framing bar or b) behind louvre at 90º through 60x30mm angled framing bar

**Finishing**

Options:

 **(a)** hot dipped galvanized to BS EN ISO 1461

 **(b)** hot dipped galvanized to BS EN ISO 1461 and polyester powder coated to BS EN 13438 in any standard RAL colour

**Installation**

**Fastenings:** M10x25mm stainless steel bolts with domed heads and snap-off security nuts or M10 HRH bolts, all stainless steel grade AISI 303

**19. DeltaWing-90**

**DeltaWing-90:** louvred grating made up of 40x2mm flat bars set at an angle of 45º, placed at 33mm centres and 20x2mm vertical flat bars at 132mm centres, generally framed on all sides

**Manufacture & Material**

Pressure-Locked steel S235JR

**Panel Dimensions**

**Panels:** fabricated to size by Lang+Fulton up to a maximum of 1600x1850mm (hxw), exceptionally up to 4m2.

Greater heights are achieved by stacking panels – the top/bottom edges of adjacent panels are unframed for continuity of appearance.

**Fixing Methods**

Panels bolted to structure on both sides a) in line through 50x4mm flat framing bar or b) behind louvre at 90º through 60x30mm angled framing bar

**Finishing**

Options:

 **(a)** hot dipped galvanized to BS EN ISO 1461

 **(b)** hot dipped galvanized to BS EN ISO 1461 and polyester powder coated to BS EN 13438 in any standard RAL colour

**Installation**

**Fastenings:** M10x25mm stainless steel bolts with domed heads and snap-off security nuts or M10 HRH bolts, all stainless steel grade AISI 303

**20. DeltaWing-70**

**DeltaWing-70:** louvred grating made up of 40x2mm flat bars set at an angle of 45º, placed at 44mm centres and 20x2mm vertical flat bars at 132mm centres, generally framed on all sides

**Manufacture & Material**

Pressure-Locked steel S235JR

**Panel Dimensions**

**Panels:** fabricated to size by Lang+Fulton up to a maximum of 1600x1850mm (hxw), exceptionally up to 4m2.

Greater heights are achieved by stacking panels – the top/bottom edges of adjacent panels are unframed for continuity of appearance.

**Fixing Methods**

Panels bolted to structure on both sides a) in line through 50x4mm flat framing bar or b) behind louvre at 90º through 60x30mm angled framing bar

**Finishing**

Options:

 **(a)** hot dipped galvanized to BS EN ISO 1461

 **(b)** hot dipped galvanized to BS EN ISO 1461 and polyester powder coated to BS EN 13438 in any standard RAL colour

**Installation**

**Fastenings:** M10x25mm stainless steel bolts with domed heads and snap-off security nuts or M10 HRH bolts, all stainless steel grade AISI 303

**21. DeltaWing-45**

**DeltaWing-45:** louvred grating made up of 40x2mm flat bars set at an angle of 45º, placed at 66mm centres and 20x2mm vertical flat bars at 132mm centres, generally framed on all sides

**Manufacture & Material**

Pressure-Locked steel S235JR

**Panel Dimensions**

**Panels:** fabricated to size by Lang+Fulton up to a maximum of 1600x1850mm (hxw), exceptionally up to 4m2.

Greater heights are achieved by stacking panels – the top/bottom edges of adjacent panels are unframed for continuity of appearance.

**Fixing Methods**

Panels bolted to structure on both sides a) in line through 50x4mm flat framing bar or b) behind louvre at 90º through 60x30mm angled framing bar

**Finishing**

Options:

 **(a)** hot dipped galvanized to BS EN ISO 1461

 **(b)** hot dipped galvanized to BS EN ISO 1461 and polyester powder coated to BS EN 13438 in any standard RAL colour

**Installation**

**Fastenings:** M10x25mm stainless steel bolts with domed heads and snap-off security nuts or M10 HRH bolts, all stainless steel grade AISI 303

**22. DeltaWing-35**

**DeltaWing-35:** louvred grating made up of 40x2mm flat bars set at an angle of 45º, placed at 88mm centres and 20x2mm vertical flat bars at 132mm centres, generally framed on all sides

**Manufacture & Material**

Pressure-Locked steel S235JR

**Panel Dimensions**

**Panels:** fabricated to size by Lang+Fulton up to a maximum of 1600x1850mm (hxw), exceptionally up to 4m2.

Greater heights are achieved by stacking panels – the top/bottom edges of adjacent panels are unframed for continuity of appearance.

**Fixing Methods**

Panels bolted to structure on both sides a) in line through 50x4mm flat framing bar or b) behind louvre at 90º through 60x30mm angled framing bar

**Finishing**

Options:

 **(a)** hot dipped galvanized to BS EN ISO 1461

 **(b)** hot dipped galvanized to BS EN ISO 1461 and polyester powder coated to BS EN 13438 in any standard RAL colour

**Installation**

**Fastenings:** M10x25mm stainless steel bolts with domed heads and snap-off security nuts or M10 HRH bolts, all stainless steel grade AISI 303

**23. DeltaBox-100**

**DeltaBox-100:** louvred grating made up of 40x2mm flat bars set at an angle of 45º, placed at 22mm centres and 30x2mm vertical flat bars at 132mm centres, generally framed on all sides

**Manufacture & Material**

Pressure-Locked steel S235JR

**Panel Dimensions**

**Panels:** fabricated to size by Lang+Fulton up to a maximum of 1600x1850mm (hxw), exceptionally up to 4m2.

Greater heights are achieved by stacking panels – the top/bottom edges of adjacent panels are unframed for continuity of appearance.

**Fixing Methods**

Panels bolted to structure on both sides a) in line through 50x4mm flat framing bar or b) behind louvre at 90º through 60x30mm angled framing bar

**Finishing**

Options:

 **(a)** hot dipped galvanized to BS EN ISO 1461

 **(b)** hot dipped galvanized to BS EN ISO 1461 and polyester powder coated to BS EN 13438 in any standard RAL colour

**Installation**

**Fastenings:** M10x25mm stainless steel bolts with domed heads and snap-off security nuts or M10 HRH bolts, all stainless steel grade AISI 303

**24. DeltaBox-90**

**DeltaBox-90:** louvred grating made up of 40x2mm flat bars set at an angle of 45º, placed at 33mm centres and 30x2mm vertical flat bars at 132mm centres, generally framed on all sides

**Manufacture & Material**

Pressure-Locked steel S235JR

**Panel Dimensions**

**Panels:** fabricated to size by Lang+Fulton up to a maximum of 1600x1850mm (hxw), exceptionally up to 4m2.

Greater heights are achieved by stacking panels – the top/bottom edges of adjacent panels are unframed for continuity of appearance.

**Fixing Methods**

Panels bolted to structure on both sides a) in line through 50x4mm flat framing bar or b) behind louvre at 90º through 60x30mm angled framing bar

**Finishing**

Options:

 **(a)** hot dipped galvanized to BS EN ISO 1461

 **(b)** hot dipped galvanized to BS EN ISO 1461 and polyester powder coated to BS EN 13438 in any standard RAL colour

**Installation**

**Fastenings:** M10x25mm stainless steel bolts with domed heads and snap-off security nuts or M10 HRH bolts, all stainless steel grade AISI 303

**25. DeltaBox-70**

**DeltaBox-70:** louvred grating made up of 40x2mm flat bars set at an angle of 45º, placed at 44mm centres and 30x2mm vertical flat bars at 132mm centres, generally framed on all sides

**Manufacture & Material**

Pressure-Locked steel S235JR

**Panel Dimensions**

**Panels:** fabricated to size by Lang+Fulton up to a maximum of 1600x1850mm (hxw), exceptionally up to 4m2.

Greater heights are achieved by stacking panels – the top/bottom edges of adjacent panels are unframed for continuity of appearance.

**Fixing Methods**

Panels bolted to structure on both sides a) in line through 50x4mm flat framing bar or b) behind louvre at 90º through 60x30mm angled framing bar

**Finishing**

Options:

 **(a)** hot dipped galvanized to BS EN ISO 1461

 **(b)** hot dipped galvanized to BS EN ISO 1461 and polyester powder coated to BS EN 13438 in any standard RAL colour

**Installation**

**Fastenings:** M10x25mm stainless steel bolts with domed heads and snap-off security nuts or M10 HRH bolts, all stainless steel grade AISI 303

**26. DeltaBox-45**

**DeltaBox-45:** louvred grating made up of 40x2mm flat bars set at an angle of 45º, placed at 66mm centres and 30x2mm vertical flat bars at 132mm centres, generally framed on all sides

**Manufacture & Material**

Pressure-Locked steel S235JR

**Panel Dimensions**

**Panels:** fabricated to size by Lang+Fulton up to a maximum of 1600x1850mm (hxw), exceptionally up to 4m2.

Greater heights are achieved by stacking panels – the top/bottom edges of adjacent panels are unframed for continuity of appearance.

**Fixing Methods**

Panels bolted to structure on both sides a) in line through 50x4mm flat framing bar or b) behind louvre at 90º through 60x30mm angled framing bar

**Finishing**

Options:

 **(a)** hot dipped galvanized to BS EN ISO 1461

 **(b)** hot dipped galvanized to BS EN ISO 1461 and polyester powder coated to BS EN 13438 in any standard RAL colour

**Installation**

**Fastenings:** M10x25mm stainless steel bolts with domed heads and snap-off security nuts or M10 HRH bolts, all stainless steel grade AISI 303

**27. DeltaBox-35**

**DeltaBox-35:** louvred grating made up of 40x2mm flat bars set at an angle of 45º, placed at 88mm centres and 30x2mm vertical flat bars at 132mm centres, generally framed on all sides

**Manufacture & Material**

Pressure-Locked steel S235JR

**Panel Dimensions**

**Panels:** fabricated to size by Lang+Fulton up to a maximum of 1600x1850mm (hxw), exceptionally up to 4m2.

Greater heights are achieved by stacking panels – the top/bottom edges of adjacent panels are unframed for continuity of appearance.

**Fixing Methods**

Panels bolted to structure on both sides a) in line through 50x4mm flat framing bar or b) behind louvre at 90º through 60x30mm angled framing bar

**Finishing**

Options:

 **(a)** hot dipped galvanized to BS EN ISO 1461

 **(b)** hot dipped galvanized to BS EN ISO 1461 and polyester powder coated to BS EN 13438 in any standard RAL colour

**Installation**

**Fastenings:** M10x25mm stainless steel bolts with domed heads and snap-off security nuts or M10 HRH bolts, all stainless steel grade AISI 303

**28. DeltaFoil-22**

**DeltaFoil-22:** louvred grating made up of once-flanged 40x2mm bars set at an angle of 45º, placed at 22mm centres and 20x2mm vertical flat bars at 132mm centres, generally framed on all sides

**Manufacture & Material**

Pressure-Locked steel S235JR

**Panel Dimensions**

**Panels:** fabricated to size by Lang+Fulton up to a maximum of 1600x1850mm (hxw), exceptionally up to 4m2.

Greater heights are achieved by stacking panels – the top/bottom edges of adjacent panels are unframed for continuity of appearance.

**Fixing Methods**

Panels bolted to structure on both sides a) in line through 50x4mm flat framing bar or b) behind louvre at 90º through 60x30mm angled framing bar

**Finishing**

Options:

 **(a)** hot dipped galvanized to BS EN ISO 1461

 **(b)** hot dipped galvanized to BS EN ISO 1461 and polyester powder coated to BS EN 13438 in any standard RAL colour

**Installation**

**Fastenings:** M10x25mm stainless steel bolts with domed heads and snap-off security nuts or M10 HRH bolts, all stainless steel grade AISI 303

**29. DeltaFoil-33**

**DeltaFoil-33:** louvred grating made up of once-flanged 40x2mm bars set at an angle of 45º, placed at 33mm centres and 20x2mm vertical flat bars at 132mm centres, generally framed on all sides

**Manufacture & Material**

Pressure-Locked steel S235JR

**Panel Dimensions**

**Panels:** fabricated to size by Lang+Fulton up to a maximum of 1600x1850mm (hxw), exceptionally up to 4m2.

Greater heights are achieved by stacking panels – the top/bottom edges of adjacent panels are unframed for continuity of appearance.

**Fixing Methods**

Panels bolted to structure on both sides a) in line through 50x4mm flat framing bar or b) behind louvre at 90º through 60x30mm angled framing bar

**Finishing**

Options:

 **(a)** hot dipped galvanized to BS EN ISO 1461

 **(b)** hot dipped galvanized to BS EN ISO 1461 and polyester powder coated to BS EN 13438 in any standard RAL colour

**Installation**

**Fastenings:** M10x25mm stainless steel bolts with domed heads and snap-off security nuts or M10 HRH bolts, all stainless steel grade AISI 303

**30. DeltaFoil-44**

**DeltaFoil-44:** louvred grating made up of once-flanged 40x2mm bars set at an angle of 45º, placed at 44mm centres and 20x2mm vertical flat bars at 132mm centres, generally framed on all sides

**Manufacture & Material**

Pressure-Locked steel S235JR

**Panel Dimensions**

**Panels:** fabricated to size by Lang+Fulton up to a maximum of 1600x1850mm (hxw), exceptionally up to 4m2.

Greater heights are achieved by stacking panels – the top/bottom edges of adjacent panels are unframed for continuity of appearance.

**Fixing Methods**

Panels bolted to structure on both sides a) in line through 50x4mm flat framing bar or b) behind louvre at 90º through 60x30mm angled framing bar

**Finishing**

Options:

 **(a)** hot dipped galvanized to BS EN ISO 1461

 **(b)** hot dipped galvanized to BS EN ISO 1461 and polyester powder coated to BS EN 13438 in any standard RAL colour

**Installation**

**Fastenings:** M10x25mm stainless steel bolts with domed heads and snap-off security nuts or M10 HRH bolts, all stainless steel grade AISI 303

**31. DeltaFoil-66**

**DeltaFoil-66:** louvred grating made up of once-flanged 40x2mm bars set at an angle of 45º, placed at 66mm centres and 20x2mm vertical flat bars at 132mm centres, generally framed on all sides

**Manufacture & Material**

Pressure-Locked steel S235JR

**Panel Dimensions**

**Panels:** fabricated to size by Lang+Fulton up to a maximum of 1600x1850mm (hxw), exceptionally up to 4m2.

Greater heights are achieved by stacking panels – the top/bottom edges of adjacent panels are unframed for continuity of appearance.

**Fixing Methods**

Panels bolted to structure on both sides a) in line through 50x4mm flat framing bar or b) behind louvre at 90º through 60x30mm angled framing bar

**Finishing**

Options:

 **(a)** hot dipped galvanized to BS EN ISO 1461

 **(b)** hot dipped galvanized to BS EN ISO 1461 and polyester powder coated to BS EN 13438 in any standard RAL colour

**Installation**

**Fastenings:** M10x25mm stainless steel bolts with domed heads and snap-off security nuts or M10 HRH bolts, all stainless steel grade AISI 303

**32. DeltaFoil-88**

**DeltaFoil-88:** louvred grating made up of once-flanged 40x2mm bars set at an angle of 45º, placed at 88mm centres and 20x2mm vertical flat bars at 132mm centres, generally framed on all sides

**Manufacture & Material**

Pressure-Locked steel S235JR

**Panel Dimensions**

**Panels:** fabricated to size by Lang+Fulton up to a maximum of 1600x1850mm (hxw), exceptionally up to 4m2.

Greater heights are achieved by stacking panels – the top/bottom edges of adjacent panels are unframed for continuity of appearance.

**Fixing Methods**

Panels bolted to structure on both sides a) in line through 50x4mm flat framing bar or b) behind louvre at 90º through 60x30mm angled framing bar

**Finishing**

Options:

 **(a)** hot dipped galvanized to BS EN ISO 1461

 **(b)** hot dipped galvanized to BS EN ISO 1461 and polyester powder coated to BS EN 13438 in any standard RAL colour

**Installation**

**Fastenings:** M10x25mm stainless steel bolts with domed heads and snap-off security nuts or M10 HRH bolts, all stainless steel grade AISI 303