Stylish and contemporary, LUXALON® Grid Ceilings create an open, light and spacious appearance. Five different models are available in a range of modular cell sizes and colours for exciting design options.

By creating a visual screen, the grids made of aluminium or zinc/aluminium coated steel assist in controlling the proportions and scale of an interior area without placing restrictions on the actual height and space. Aesthetics and function are brought together in a versatile combination that allows considerable design freedom.

**APPLICATIONS**
- Functional ceilings – service integration
- Feature ceilings
- Visual modular overhead screen
- Acoustics can be controlled by adding absorbent materials to the rear of the Magnagrid ceiling or within the void space
- Interior
- New developments or existing buildings

**MATERIAL**
- Aluminium
- Zinc/Aluminium Coated Steel

**COLOURS & FINISHES**
A range of standard and customised colours and finishes are available: powder-coat, anodised and those using the HD COLOR-COTE® Coating Process.

**DESIGN FLEXIBILITY**
LUXALON® Grid Ceilings offer a versatile range of modular cell sizes that can be configured into a variety of patterns in many pre-finished or painted colours, and can be customised to fully integrate with the interior of building architecture.

**PRODUCT RANGE**

<table>
<thead>
<tr>
<th>MODULAR SIZES (mm)</th>
<th>Magnagrid</th>
<th>Beam-Grid</th>
<th>Louvre-Grid</th>
<th>Baffle-Grid</th>
<th>Major-Grid</th>
</tr>
</thead>
<tbody>
<tr>
<td>50x50</td>
<td>600x600</td>
<td>300x300</td>
<td>100 centres</td>
<td>300x300</td>
<td></td>
</tr>
<tr>
<td>75x75</td>
<td>900x900</td>
<td>450x450</td>
<td>125 centres</td>
<td>450x450</td>
<td></td>
</tr>
<tr>
<td>86x86</td>
<td>1000x1000</td>
<td>600x600</td>
<td>150 centres</td>
<td>600x600</td>
<td></td>
</tr>
<tr>
<td>100x100</td>
<td>1200x1200</td>
<td>900x900</td>
<td>200 centres</td>
<td>900x900</td>
<td></td>
</tr>
<tr>
<td>120x120</td>
<td></td>
<td>1000x1000</td>
<td>250 centres</td>
<td>1000x1000</td>
<td></td>
</tr>
<tr>
<td>150x150</td>
<td></td>
<td>1200x1200</td>
<td>300 centres</td>
<td>1200x1200</td>
<td></td>
</tr>
<tr>
<td>200x200</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**ADVANTAGES**
- Versatile cell framing systems provide a range of modular cell sizes.
- Integration of services: lighting, air conditioning, sprinklers, smoke detectors and other services can be easily integrated into and above LUXALON® Grid Ceiling Systems, with the possibility of concealing services from view.
- Accessibility: grid panels can be easily mounted and demounted, allowing full access to above-ceiling services.

**ENVIRONMENTAL BENEFITS**
- Acoustic control (Magnagrid only): by adding absorbent materials to the rear of the LUXALON® Magnagrid Ceiling or within the void space, acoustics can be controlled.
- Smoke ventilation: open cell ceilings allow smoke to pass into the ceiling void, thereby improving visibility and increasing the amount of time available to evacuate the building. This is particularly beneficial for new shopping centre developments and other public buildings.

**DURABILITY**
LUXALON® Grid Ceilings are made from pre-coated aluminium and zinc/aluminium coated steel panels using the HD COLOR-COTE® Coating Process, and powder-coat or anodised extruded aluminium profiles, which ensure a long life span, requiring minimal maintenance.

**QUALITY**
Hunter Douglas Limited is a quality endorsed company, certified as complying with the requirements of AS/NZS ISO 9001.2000.
LUXALON® Magnagrid is a highly versatile open cell ceiling system comprising a series of ‘U’ shaped interlocking aluminium blades, which are assembled to provide a wide range of modular cell sizes in a variety of interior colours and finishes using the HD COLOR-COTE® Coating Process.

**MAGNAGRID PANELS IN A TEE GRID**

LUXALON® Magnagrid Panels can be manufactured in various sizes and configurations to fit many Standard Tee Grid Suspension Systems.

**PERIMETER DETAILS**

A selection of edge details are available to suit individual design requirements where the ceiling meets walls, columns, bulkheads and other ceiling finishes.

### DESCRIPTION & DIMENSIONS

<table>
<thead>
<tr>
<th>MAGNAGRID CELL MODULE (mm)</th>
<th>VIEWING CUT-OUT ANGLE</th>
<th>% OPEN AREA</th>
<th>APPROX. SYSTEMS WEIGHT kg/m²</th>
</tr>
</thead>
<tbody>
<tr>
<td>50x50</td>
<td>45°</td>
<td>67</td>
<td>5.50</td>
</tr>
<tr>
<td>75x75</td>
<td>32°</td>
<td>77</td>
<td>3.50</td>
</tr>
<tr>
<td>86x86</td>
<td>27°</td>
<td>80</td>
<td>3.20</td>
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<tr>
<td>100x100</td>
<td>19°</td>
<td>83</td>
<td>2.80</td>
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<tr>
<td>120x120</td>
<td>18°</td>
<td>85</td>
<td>2.40</td>
</tr>
<tr>
<td>150x150</td>
<td>16°</td>
<td>88</td>
<td>1.80</td>
</tr>
<tr>
<td>200x200</td>
<td>12°</td>
<td>91</td>
<td>1.50</td>
</tr>
</tbody>
</table>

Note: also available – rectangular cell shapes in combinations of the cell sizes.

* Factory made specials available up to 1200 x 1200mm.

Note: panels are supplied assembled. Blades can be supplied unassembled to specific order.
LUXALON® Beam-Grid delivers the clean look of structural beams with unrestricted access to lighting, ventilation systems and sprinklers. The main and cross beams as well as perimeter trims that make up the system are available in aluminium and zinc/aluminium coated steel in a variety of interior colours and finishes using the HD COLOR-COTE® Coating Process.

BEAM-GRID & PERIMETER DETAILS

<table>
<thead>
<tr>
<th>BEAM-GRID CELL MODULE (mm)</th>
<th>VIEWING CUT-OUT ANGLE</th>
<th>% OPEN AREA</th>
<th>APPROX. SYSTEMS WEIGHT kg/m²</th>
</tr>
</thead>
<tbody>
<tr>
<td>600x600</td>
<td>4.0°</td>
<td>90</td>
<td>2.40</td>
</tr>
<tr>
<td>900x900</td>
<td>3.0°</td>
<td>93</td>
<td>1.60</td>
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<tr>
<td>1000x1000</td>
<td>2.5°</td>
<td>94</td>
<td>0.80</td>
</tr>
<tr>
<td>1200x1200</td>
<td>2.0°</td>
<td>95</td>
<td>0.20</td>
</tr>
</tbody>
</table>

LOUVRE-GRID

To satisfy particular design concepts, the LUXALON® Louvre-Grid Ceiling System provides a range of modular cell sizes and patterns using slim-line aluminium main and cross beams in a variety of interior colours and finishes using the HD COLOR-COTE® Coating Process.

LOUVRE-GRID & PERIMETER DETAILS

Note: LUXALON® Beam-Grid, Louvre-Grid and Major-Grid Ceilings are customised products and require full design information prior to quotation.
LUXALON® Baffle-Grid Ceiling System provides an effective one-directional visual screen in a range of modular sizes and patterns to suit a variety of design concepts. Made up of slim-line extruded aluminium beams and sections, the system comes in a variety of powder-coat and anodised colours and finishes.

**BAFFLE-GRID & PERIMETER DETAILS**

**MAJOR-GRID**

LUXALON® Major-Grid is a highly versatile open cell ceiling system that is made up of slim-line zinc/aluminium coated steel main and cross beams, available in a variety of interior colours and finishes using the HD COLOR-COTE® Coating Process.

**MAJOR-GRID & PERIMETER DETAILS**

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**DESCRIPTION & DIMENSIONS**

<table>
<thead>
<tr>
<th>Baffle-Grid Module Width (mm)</th>
<th>Viewing Cut-Out Angle</th>
<th>% Open Area</th>
<th>Approx. Systems Weight kg/m²</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 centres</td>
<td>53°</td>
<td>75</td>
<td>11.00</td>
</tr>
<tr>
<td>125 centres</td>
<td>45°</td>
<td>80</td>
<td>9.00</td>
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<tr>
<td>150 centres</td>
<td>39°</td>
<td>84</td>
<td>7.50</td>
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<tr>
<td>200 centres</td>
<td>30°</td>
<td>88</td>
<td>6.00</td>
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<tr>
<td>250 centres</td>
<td>24°</td>
<td>90</td>
<td>5.00</td>
</tr>
<tr>
<td>300 centres</td>
<td>20°</td>
<td>92</td>
<td>4.50</td>
</tr>
</tbody>
</table>

**Major-Grid Beam Description**

- Main Beam (Max. Length 6500mm)
- Support Rail Splicer
- M3 Steel Pop Rivets (By Installer)
- Support Rail
- Main Beam End Cap Where Required
- 100x25 Main Beam

**Major-Grid Module Width (mm)**

- 300x300: View Angle 53°, % Open Area 75, Approx. Systems Weight 11.00 kg/m²
- 450x450: View Angle 45°, % Open Area 80, Approx. Systems Weight 9.00 kg/m²
- 600x600: View Angle 39°, % Open Area 84, Approx. Systems Weight 7.50 kg/m²
- 900x900: View Angle 30°, % Open Area 88, Approx. Systems Weight 6.00 kg/m²
- 1200x1200: View Angle 24°, % Open Area 90, Approx. Systems Weight 5.00 kg/m²
- 1500x1500: View Angle 20°, % Open Area 92, Approx. Systems Weight 4.50 kg/m²

**Major-Grid Beam Type Description**

- Main Beams: 2400, 3000, 3600
- Cross Beams: 300, 450, 600, 900, 1000, 1200

*Custom sizes are available upon request*
LUXALON® Grid Ceiling Systems; Magnagrid, Beam-Grid, Louvre-Grid, Baffle-Grid, Major-Grid, provide the user with options of varying modular cell and width sizes in various configurations and colours to suit any interior space.

INSTALLATION

Selecting Suspension Configurations:

Layout 1
Hanger runners should be set-out at 600mm centres when using cell sizes:
- 50 x 50mm
- 75 x 75mm
And all other cell sizes where the total weight of the ceiling, any accessories and/or services (eg. overlays, integrated lights) exceed 3kg/m², and/or where frequent access to the ceiling void is required.

Layout 2
Hanger runners may be set out at 1200mm centres when using cell sizes:
- 86 x 86mm
- 100 x 100mm
- 120 x 120mm
- 150 x 150mm
- 200 x 200mm
This must be used where the total weight of the ceiling and accessories is less than 3kg/m².

Calculating Quantities of Components:
when calculating quantities, ensure sufficient quantity of components for cutting and wastage.

Edge Details: various treatments can be used at the perimeter of the LUXALON® Magnagrid Ceiling System depending upon the installation requirement. Cover angles and trims should be colour matched to the ceiling and ordered as accessories with the ceiling components.
Floating perimeter trim will require mechanical fixing to the ceiling, to prevent accidental dislodgement. For a good visual appearance, a minimum ‘float’ distance of 25mm is recommended.

Installing and Removing the Panels:

LUXALON® Magnagrid Panels are designed to ‘lay-in’ the suspension grid, supported by a tab on the end of each blade. Best visual results are obtained if panels are all oriented in the same direction, relating to the A & B blades of the panels.

Site Cutting Panels: singular blades of panel or suspension grid may be cut using good quality metal snips. Alternatively, whole panels are easily shaped on a small high speed ‘band saw’ using a fine-toothed blade. The finish on the material should be protected during all cutting operations.

Special Size Panels: can be made to limit wastage and be cost effective in some cases. This is dependent upon the project requirements that are to be discussed with our Commercial Consultants. By utilising some of the cut panel blades, they can be re-made to make other panels and reassembled on site.

Integrating Lighting and Services:
Light fixture plates / purpose made adaptor plates to provide services integration i.e adapting downlights and other small fittings are available.

• Acoustic Blankets and Overlays: acoustic blankets and pads with black facing should be installed so that joins are hidden behind the blades of panels or suspension grid. Adequate clearance around lights must be made in blankets and overlays to prevent the risk of overheating or fire.

Note: for the installation of all other LUXALON® Grid Ceiling Systems, please refer to our Commercial Consultants and Technical Team as the requirements are project specific.

MAGNAGRID SUSPENSION LAYOUT

INSTALLING AND REMOVING THE MAGNAGRID PANELS

SPECIAL SIZE MAGNAGRID PANELS

LIGHT FIXTURE DETAIL

MAGNAGRID PERIMETER DETAILS

Wall Angle
41x20x3000mm
(Can Be Curved)

Floating Hanger Runner

Cross Runner

Hanger Runner

Layout 1

Cross Runner

Layout 2

Cut Blades C

Blades A & B

600 x 600 Panel
LUXALON® GRID CEILING SYSTEMS

**MAGNAGRID**

Grid modules and layouts can be designed to suit individual requirements.

**BEAM-GRID, LOUVRE-GRID, BAFFLE-GRID, MAJOR-GRID**

**LAYOUTS**

**ACCESSORIES**

Infill plates can be manufactured with apertures to receive lighting, air conditioning grills, sprinklers and smoke detectors. Many LUXALON® Ceilings can also be integrated within the Grids.

**SHORT FORM SPECIFICATION**

**LUXALON® MAGNAGRID**

……….m² LUXALON® Aluminium Magnagrid Open Cell Ceiling System, supplied by Hunter Douglas Commercial, consisting of 0.5mm thick aluminium pre-coated die formed interlocking blades, with a cross-sectional size of 9mm wide x 40mm deep and assembled into panels with a modular size of 600 x 600mm and a square cell of 50mm / 75mm / 86mm / 100mm / 120mm / 150mm / 200mm, colour ……… according to the Hunter Douglas Commercial Interior Colour Chart.

Suspension shall consist of 1800mm long Main Runners at 600mm / 1200mm centres linked by 600mm / 1200mm long Cross Runner at 600mm centres.

For T-Grid Suspension System – suspension shall be a proprietary roll-formed or extruded T-Grid System with a face dimension of 25mm and installed to the manufacturer’s recommendations to provide a modular grid of 600 x 600mm.

Perimeter shall be finished with a wall angle or perimeter trim as required.

Option: Acoustic pads ……… mm thick, density ……… kg/m³, black one side, laid on top of the panels between the panel carriers.

Supply and install according to the fixing instructions of Hunter Douglas Commercial, a division of Hunter Douglas Limited.

**LUXALON® BEAM-GRID**

……….m² LUXALON® Aluminium / Zinc/Aluminium Coated Steel Beam-Grid Ceiling System, supplied by Hunter Douglas Commercial, consisting of main beams and cross beams made of 0.6mm thick aluminium / 0.6mm thick zinc/aluminium coated steel, 60mm wide x 40mm high, colour ……… according to the Hunter Douglas Commercial Interior Colour Chart.

The system uses a hook and slot method of attachment. Main beams shall be supported at 1200mm centres by means of hanger brackets and 5mm diameter hanger rods. Modular sizes of 600mm / 900mm / 1000mm / 1200mm shall be achieved by using a combination of cross channels. Additional hangers to be used around points where accessories are loaded onto the ceiling system. Perimeter trim as required.

Supply and install according to the fixing instructions of Hunter Douglas Commercial, a division of Hunter Douglas Limited.

**LUXALON® LOUVRE-GRID**

……….m² LUXALON® Aluminium Louvre-Grid Ceiling System, supplied by Hunter Douglas Commercial, consisting of main beams and cross beams made of 0.6mm thick aluminium, 25mm wide x 100mm deep, colour ……… according to the Hunter Douglas Commercial Interior Colour Chart.

The system uses cross beam brackets for attachment. Main beams shall be supported at 1200mm centres by means of hanger brackets and 5mm diameter hanger rods. Modular sizes of 300mm / 450mm / 600mm / 900mm / 1000mm / 1200mm shall be achieved by using a combination of cross channels. Additional hangers to be used around points where accessories are loaded onto the ceiling system. Perimeter trim as required.

Supply and install according to the fixing instructions of Hunter Douglas Commercial, a division of Hunter Douglas Limited.

**LUXALON® BAFFLE-GRID**

……….m² LUXALON® Aluminium Baffle-Grid Ceiling System, supplied by Hunter Douglas Commercial, consisting of beams and sections made of 1.6mm thick aluminium extrusion, 25mm wide x 100mm deep, in selected powder-coat / anodised finish, colour ………

The system consists of beam sections in one direction at 100mm / 125mm / 150mm / 200mm / 250mm / 300mm centres supported by a Z-section primary grid at 1800mm centres with hanger brackets and 5mm diameter threaded rods at 1200mm centres. Additional hangers to be used around points where accessories are loaded onto the ceiling system. End caps to be provided / not to be provided.

Supply and install according to the fixing instructions of Hunter Douglas Commercial, a division of Hunter Douglas Limited.

**LUXALON® MAJOR-GRID**

……….m² LUXALON® Zinc/Aluminium Coated Steel Major-Grid Ceiling System, supplied by Hunter Douglas Commercial, consisting of main beams and cross beams made of 0.6mm thick zinc/aluminium coated steel, 50mm wide x 200mm deep, colour ……… according to the Hunter Douglas Commercial Interior Colour Chart.

Main beams shall be supported at 1200mm centres by means of hanger brackets and 5mm diameter hanger rods. Modular sizes of 300mm / 450mm / 600mm / 900mm / 1000mm / 1200mm shall be achieved by using a combination of cross beams, which are mechanically fixed to brackets on the main beams. Additional hangers to be used around points where accessories are loaded onto the ceiling system. Perimeter trim as required.

Supply and install according to the fixing instructions of Hunter Douglas Commercial, a division of Hunter Douglas Limited.

**Technical data is subject to change without notice. Refer to our Technical and Customer Support Team for further assistance.**