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MANUFACTURING PROCESS

1 RAW MATERIAL FROM COIL

2 PERFORATION

3 NOTCHING

4 BENDING

5 POWDER COATING

6 GASKET & SPACERS

7 ACOUSTIC TREATMENT & FINISHING

8 PACKAGING

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CUT-OUTS FOR SERVICE INTEGRATIONS

TYPE 1
FLAT RECTANGULAR CUT-OUT
SERVICE INTEGRATION INSERTED FROM BELOW AND SEPARATE SUSPENDED

TYPE 2
BENT UP RECTANGULAR CUT-OUT
SERVICE INTEGRATION INSERTED FROM ABOVE AND SEPARATE SUSPENDED

TYPE 2 A
BENT UP RECTANGULAR CUT-OUT WITH WELDED REINFORCEMENT ANGLES
SERVICE INTEGRATION INSERTED FROM ABOVE

TYPE 4
FLAT ROUND CUT-OUT
SERVICE INTEGRATION INSERTED FROM BELOW AND SEPARATE SUSPENDED

PARAMETERS RECTANGULAR CUT-OUTS

ROUND CUT-OUTS

OPTIONAL MULTIPLE CUT-OUTS
U-PROFILE STRUCTURE

SUSPENSION METHODS

U-PROFILE HANGER WITH THREADED ROD M6

COMBI NONIUS HANGER WITH 5mm ROD

WALL ANCHOR

CONNECTOR

SECONDARY PROFILES

C-PROFILE FOR B-H 300 AND K-H 400 TARTAN SYSTEMS

CLIP IN

J-BAR PROFILE FOR R-H 200

H-PROFILE FOR R-H 215

BANDRASTER PROFILE FOR B-L 302

V-P 500 BAFFLE

U-PROFILE TYPICALLY INSTALLED AT 1200MM CENTRES AND SUSPENDED AT 1200MM ALONG LENGTH. REFER TO INSTALLATION GUIDE FOR DETAILS.

200X30X3750MM

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CEILING SYSTEM RANGE

- SQUARE & RECTANGULAR TILES
- RECTANGULAR PANELS
- LINEAR GRID (ONE WAY)

- TARTAN GRID
- CORRIDOR CEILINGS
- MODULAR

- ISLAND CEILINGS
- RADIAL CEILING

- WALL CLADDING
- VERTICAL BAFFLES
METALWORKS HOOK ON CONCEALED GRID SYSTEMS
R-H 200 AND R-H 215
**SYSTEM**

- HOOK-ON RECTANGULAR PANELS INSTALLED ON CONCEALED GRID

**PANEL MATERIAL**

- GALVANISED STEEL (OPTIONAL ALUMINIUM)

**EDGE DETAIL**

- SQUARE EDGE

**GAP DETAIL**

- 3 MM GAP, WITH 3 MM GASKET ON ONE LONG AND ONE SHORT SIDE (OPTIONAL WITHOUT GASKET)

**MODULES**

- 1800x400 / 2100x400 / 2400x400 / 2700x400 / 3000x400 MM

**CONFIGURABLE**

- LENGTH (A): 600-3300 MM / WIDTH (B): 247-1350 MM

**GRID SYSTEM**

- U-PROFILE IN COMBINATION WITH J-BAR

**PERIMETER**

- RANGE OF STANDARD TRIMS AND BULKHEADS

**OPTIONS**

- STAGGERED LAYOUT / RADIAL CEILINGS
- SECURITY BRACKET, TO AVOID EXTRACTION OF PANELS
- CAN BE COMBINED WITH R-L 201

**APPLICATION AREA**

- LARGE ROOMS
R-H 215

**OPTIONAL POWER SWING REVISION OPENING**

**STANDARD LAYOUT**

**SOLUTION FOR SINGLE SELECTED PANELS ONLY AVAILABLE WITH 3 MM GASKET ON ONE LONG AND ONE SHORT SIDE**

**SECURITY CLIP OPTION**

**SYSTEM**

- HOOK-ON RECTANGULAR PANELS INSTALLED ON CONCEALED GRID

**HOOK-ON RECTANGULAR PANELS INSTALLED ON CONCEALED GRID**

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<th>SYSTEM</th>
<th>PANEL MATERIAL</th>
<th>EDGE DETAIL</th>
<th>GAP DETAIL</th>
<th>MODULES</th>
<th>CONFIGURABLE</th>
<th>GRID SYSTEM</th>
<th>PERIMETER</th>
<th>OPTIONS</th>
<th>APPLICATION AREA</th>
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<tr>
<td>HOOK-ON RECTANGULAR PANELS INSTALLED ON CONCEALED GRID</td>
<td>GALVANISED STEEL (OPTIONAL ALUMINIUM)</td>
<td>SQUARE EDGE</td>
<td>3 MM GAP, WITH 3 MM GASKET ON ONE LONG AND ONE SHORT SIDE (OPTIONAL WITHOUT GASKET)</td>
<td>1800x400 / 2100x400 / 2400x400 / 2700x400 / 3000x400 MM</td>
<td>LENGTH (A): 600-3300 MM / WIDTH (B): 247-1350 MM</td>
<td>U-PROFILE IN COMBINATION WITH H-PROFILE 35</td>
<td>RANGE OF STANDARD TRIMS AND BULKHEADS</td>
<td>HINGE-DOWN OPTION POWER SWING (AS REVISION OPENING ONLY) SECURITY BRACKET, TO AVOID EXTRACTION OF PANELS</td>
<td>LARGE ROOMS</td>
</tr>
</tbody>
</table>
METALWORKS LINEAR GRID
B-H 300, B-L 302
B-H 300

**SYSTEM**
HOOK-ON RECTANGULAR PANELS INSTALLED ON VISIBLE GRID

**PANEL MATERIAL**
GALVANISED STEEL (OPTIONAL ALUMINIUM)

**EDGE DETAIL**
SQUARE EDGE

**GAP DETAIL**
3 MM GAP, WITH 3 MM GASKET ON ONE LONG AND TWO SHORT SIDES (OPTIONAL WITHOUT GASKET)

**CONFIGURABLE**
LENGTH (A): 600-3300 MM / WIDTH (B): 247-1350 MM

**GRID SYSTEM**
U-PROFILE IN COMBINATION WITH C-PROFILE 100 MM (OPTIONAL C-PROFILE 50 / 75 / 125 / 150 / 200 / 250 / 300 MM)

**PERIMETER**
RANGE OF STANDARD TRIMS AND BULKHEADS

**OPTIONS**
HINGE-DOWN OPTIONS EASY & SWING RADIAL CEILINGS

**APPLICATION AREA**
LARGE ROOMS

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**B-L 302**

**STANDARD LAYOUT**

**OPTIONAL LAYOUT (CROSSING BANDRASTER PROFILES)**

**RADIAL CEILING**

**EDGE DETAIL B-L 302**

**SYSTEM**

- Lay-in rectangular panels installed on visible grid

**PANEL MATERIAL**

- Galvanised steel (optional aluminium)

**EDGE DETAIL**

- Square edge

**GAP DETAIL**

- 3 mm gap, with 3 mm gasket on one long side (optional without gasket)

**CONFIGURABLE**

- Length (A): 600-3300 mm / Width (B): 247-1350 mm

**GRID SYSTEM**

- U-profile in combination with Bandraster profile 100 mm

**PERIMETER**

- Range of standard trims and bulkheads

**OPTIONS**

- Radial ceilings

**APPLICATION AREA**

- Large rooms

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METALWORKS TARTAN GRID SYSTEM
K-H 400
K-H 400

**SYSTEM**

HOOK-ON RECTANGULAR PANELS INSTALLED ON VISIBLE GRID

**PANEL MATERIAL**

GALVANISED STEEL (OPTIONAL ALUMINIUM)

**EDGE DETAIL**

SQUARE EDGE

**GAP DETAIL**

3 MM GAP, WITH 3 MM GASKET ON ONE LONG AND TWO SHORT SIDES (OPTIONAL WITHOUT GASKET)

**CONFIGURABLE**

LENGTH (A): 600-3300 MM / WIDTH (B): 247-1350 MM

**GRID SYSTEM**

CROSSING-BOXES WITH C-PROFILES 100 MM (OPTIONAL WIDTH 70 / 75 / 125 / 150 / 200 / 250 / 300 MM)

**PERIMETER**

RANGE OF STANDARD TRIMS AND BULKHEADS

**OPTIONS**

HINGE-DOWN OPTIONS EASY & SWING

**APPLICATION AREA**

LARGE ROOMS
METALWORKS
ACOUSTIC
BAFFLES
V-P 500
**SYSTEM**  | **VERTICAL BAFFLES DIRECT SUSPENDED**
---|---
**PANEL MATERIAL** | GALVANISED STEEL
**DIMENSIONS** | HEIGHT (H): 100 / 150 / 200 / 300 / 400 MM  
LENGTH (A): MAX 3000 MM  
WIDTH (B): 30 MM  
HEIGHT (H): 250 / 400 MM  
LENGTH (A): MAX 3000 MM  
WIDTH (B): 50 MM
**SUSPENSION METHOD** | METAL BAFFLE HANGING KIT SEPARATE ORDERED 2 x SUSPENSION POINTS PER BAFFLE
**COLOUR** | RAL 9010 STANDARD WHITE
**PATTERN** | Rd 1522 PERFORATED ON BOTH VERTICAL SIDES  
NON PERFORATED ALSO AVAILABLE
**ACOUSTIC TREATMENT** | ACOUSTIC PSAD 25 MM / 25 KG/M³ WITH ACOUSTIC FLEECE GLUED ON BOTH VERTICAL SIDES
**APPLICATION AREA** | OPEN SPACES

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SYSTEM | HOOK-ON VERTICAL BAFFLES PARALLEL ALIGNED INSTALLED ON SEMI-EXPOSED GRID
---|---
PANEL MATERIAL | GALVANISED STEEL
DIMENSIONS | HEIGHT (H): 100 / 150 / 200 / 300 / 400 MM  
LENGTH (A): MAX 3000 MM  
WIDTH (B): 30 MM  
HEIGHT (H): 250 / 400 MM  
LENGTH (A): MAX 3000 MM  
WIDTH (B): 50 MM
GRID SYSTEM | U-PROFILE
COLOUR | RAL 9010 STANDARD WHITE
PATTERN | Rd 1522 PERFORATED ON BOTH VERTICAL SIDES  
NON PERFORATED ALSO AVAILABLE
ACOUSTIC TREATMENT | ACOUSTIC PSAD 25 MM / 25 KG/M³ WITH ACOUSTIC FLEECE GLUED ON BOTH VERTICAL SIDES
APPLICATION AREA | LARGE ROOMS
METALWORKS
CORRIDOR CEILINGS
F-H 600
F-L 601
F-H 600

**SYSTEM**
- Hook-on rectangular panels fixed to wall

**PANEL MATERIAL**
- Galvanised steel (optional aluminium)

**EDGE DETAIL**
- Square edge

**GAP DETAIL**
- 0 mm gap, without gasket on long side, shadow gap to wall on short side

**CONFIGURABLE**
- Length (A): 600-3300 mm / Width (B): 247-1350 mm

**GRID SYSTEM**
- J-bar fixed by wall bracket to wall
- Swing option: G-profile fixed by wall bracket to wall

**PERIMETER**
- Variable shadow gap

**OPTIONS**
- Hinge-down option swing installed on G-profile
- Security bracket, to avoid extraction of panels

**APPLICATION AREA**
- Corridors

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**F-L 601**

**WITH PERIMETER TRIM**

**WITH PERIMETER SHADOWLINE TRIM**

**STANDARD LAYOUT**

**EDGE DETAIL F-L 601**

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<tr>
<th>SYSTEM</th>
<th>LAY-IN RECTANGULAR PANELS</th>
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<td>PANEL MATERIAL</td>
<td>GALVANISED STEEL (OPTIONAL ALUMINIUM)</td>
</tr>
<tr>
<td>EDGE DETAIL</td>
<td>SQUARE EDGE</td>
</tr>
<tr>
<td>GAP DETAIL</td>
<td>3 MM GAP, WITH 3 MM GASKET ON ONE LONG SIDE (OPTIONAL WITHOUT GASKET)</td>
</tr>
<tr>
<td>CONFIGURABLE</td>
<td>LENGTH (A): 600-3300 MM / WIDTH (B): 247-1350 MM</td>
</tr>
<tr>
<td>PERIMETER</td>
<td>RANGE OF PERIMETER TRIMS</td>
</tr>
<tr>
<td>APPLICATION AREA</td>
<td>CORRIDORS</td>
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METALWORKS
ISLAND
CEILINGS
D-CLIP
D-H 700
**D-CLIP**

**SYSTEM**
Clip-in Island solution with rectangular panels installed on concealed grid

**Panel Material**
Galvanised steel (optional aluminium)

**Edge Detail**
Square edge with additional clip-in segments

**Gap Detail**
0 mm gap, without gasket

**Configurable**
Length (A): 600-2500 mm / Width (B): 250-600 mm

**Grid System**
U-profile in combination with clamping rail DP12

**Perimeter**
Variable shadow gap

**Options**
Swing-down option access (additional bracket)
Security clip, to avoid extraction of panels

**Application Area**
Open spaces
D-H 700

D-H 700 SPECIAL

FOR CHILLED CEILINGS

WITH ACOUSTIC PAD

STANDARD LAYOUTS

MULTIPLE ELEMENTS

DOUBLE ELEMENTS

SINGLE ELEMENT

SYSTEM

HOOK-ON ISLAND SOLUTION WITH RECTANGULAR PANELS INSTALLED ON CONCEALED GRID

<table>
<thead>
<tr>
<th>PANEL MATERIAL</th>
<th>GALVANISED STEEL (OPTIONAL ALUMINIUM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDGE DETAIL</td>
<td>SQUARE EDGE</td>
</tr>
<tr>
<td>GAP DETAIL</td>
<td>0 MM GAP, WITHOUT GASKET</td>
</tr>
<tr>
<td>CONFIGURABLE</td>
<td>LENGTH (A): 600-2750 MM (IN STEPS OF 25 MM) / WIDTH (B): 250-600 MM (IN STEPS OF 25 MM)</td>
</tr>
<tr>
<td>GRID SYSTEM</td>
<td>U-PROFILE CROSS-CONNECTED</td>
</tr>
<tr>
<td>OPTIONS</td>
<td>SPECIAL HEIGHT OF 65 MM FOR CHILLED CEILINGS OR ADDITIONAL ACOUSTIC PADS</td>
</tr>
<tr>
<td>APPLICATION AREA</td>
<td>OPEN SPACES</td>
</tr>
</tbody>
</table>
METALWORKS WALL CLADDING
W-H 1000
W-H 1100
**W-H 1000**

**SYSTEM**
- HOOK-ON ISLAND SOLUTION WITH RECTANGULAR PANELS FIXED TO WALL BY CONCEALED GRID

**PANEL MATERIAL**
- GALVANISED STEEL (OPTIONAL ALUMINIUM)

**EDGE DETAIL**
- SQUARE EDGE WITH ADDITIONAL CLIP-IN SEGMENTS

**GAP DETAIL**
- 5 MM GAP, WITH 5 MM GASKET AND SPACERS

**CONFIGURABLE**
- LENGTH (A): 600-3000 MM / WIDTH (B): 250 - 1000 MM
  - TYPE A: LENGTH (A) 600 – 1300 MM (4 SUSPENSION POINTS)
  - TYPE B: LENGTH (A) 1301 – 2500 MM (6 SUSPENSION POINTS)
  - TYPE C: LENGTH (A) 2501 – 3000 MM (8 SUSPENSION POINTS)
  - TYPE D: LENGTH (A) 600 – 3000 MM (4 SUSPENSION POINTS)

**GRID SYSTEM**
- C-WALL PROFILE FIXED BY WALL ANCHOR TO WALL

**OPTIONS**
- COLUMN CLADDING / LARGE RANGE OF CORNER AND CONNECTION DETAILS
- DIRECT FIXING TO WALL WITHOUT WALL BRACKET

**APPLICATION AREA**
- LARGE ROOMS / OPEN SPACES / CORRIDORS
### W-H 1100

**System**
Hook-on island solution with rectangular panels fixed to wall by concealed grid

<table>
<thead>
<tr>
<th><strong>Panel Material</strong></th>
<th>Galvanised steel (optional aluminium)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Edge Detail</strong></td>
<td>Square edge with additional clip-in segments</td>
</tr>
<tr>
<td><strong>Gap Detail</strong></td>
<td>5 mm gap, with 5 mm gasket and spacers</td>
</tr>
</tbody>
</table>
| **Configurable**   | Length (A): 600 - 3000 mm / Width (B): 250 - 1000 mm  
Type A: Length (A) 600 – 1300 mm (4 suspension points)  
Type B: Length (A) 1301 – 2500 mm (6 suspension points)  
Type C: Length (A) 2501 – 3000 mm (8 suspension points)  
Type D: Length (A) 600 – 3000 mm (4 suspension points) |
| **Grid System**    | U-wall profile fixed by wall anchor to wall |
| **Options**        | Column cladding / large range of corner and connection details |
| **Application Area** | Large rooms / open spaces / corridors |

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CURVED PANELS

SHORT SIDE EXECUTIONS

FALL 1

FALL 2

FALL 4

FALL 4A

FALL 5

FALL 9

PARAMETERS

CONCAVE SHAPE

CONVEX SHAPE

LONG SIDE EXECUTION

NON VISIBLE

VISIBLE OPTION WITH ADDITIONAL COVER

ARC LENGTH (b)

LENGTH (s)

ARC HEIGHT (h)

VISBILE / CLOSED OPTION

H = 40 / 60

HOOK-ON

ISLAND SOLUTION

VISBILE / CLOSED OPTION

HOOK-ON

VISBILE / CLOSED OPTION

HOOK-ON

VISBILE / CLOSED OPTION

HOOK-ON

MATERIAL

GALVANISED STEEL

CONFIGURABLE

LENGTH (s): UP TO 3000 MM / WIDTH (B): UP TO 800 MM* DEPENDING ON LENGTH (s) AND ARC HEIGHT (h)

STANDARD COLOUR

RAL 9010 STANDARD WHITE

OPTIONAL COLOURS

GLOBAL WHITE / RAL 9006 / RAL 9007 FURTHER RAL & NCS COLOURS ON REQUEST

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