Composite. Solid and Vented Composite Access Covers Using ThruBeam® technology.
Product Features and Benefits

Gatic Composite is a comprehensive system of single duct and multispan access covers and frames for use in pedestrian areas where an anti-slip, lightweight, lockable and aesthetic solution is required in environments up to B125 loading.
Why Composite.

Cover types
Gatic Composite covers are lightweight and extremely strong, which reduces lifting risks to installers and inspectors. This is a major advantage of composite materials.

Performance
Our composite covers have been tested independently for anti-slip properties in both dry and wet conditions.

Secure and vandal resistant
Gatic covers are lockable and cannot be removed without the correct lifting key so unauthorised removal is virtually impossible.

Loadings
All Gatic Composite covers will withstand test load and maximum permanent set criteria specified in BS EN 124: up to B125.

Secure Support
The clear opening width between supporting frames is bigger than the pit/chamber design to allow for minor deviations in pit construction dimensions.

Removable Support Beams
Supporting beams in Composite Multispan units are easily removed with appropriate lifting equipment for access to the total chamber area. Beam wallboxes do not project into the chamber opening.

Finishes
Colours available - Black, Grey, Blue, Green and Red. Other colours available on request.
Frame work - Galvanised steel.

Installation
Consignments of Composite units are supplied with comprehensive installation instructions.

Environmental commitment
Responsibility towards the environment is our primary concern.
To meet these requirements we have an integrated Quality (BS EN ISO 9001) and Environmental (BS EN ISO 14001) Management System which encompasses the design, manufacture and management systems within the company and ensures our commitment to continuous environmental improvements regarding the manufacture and design of all our products in the following ways:

- Minimise environmental impact
- Commit organisational resources to energy management
- Reduce energy costs
- Give high priority to energy efficient investments
- Consider life cycle energy costs for all new projects
- Minimise CO₂ emissions year on year
- Use energy from sustainable resources wherever possible

To achieve these goals we have put in place the necessary systems and controls to meet demanding environmental targets and to make sure that these are maintained for the future benefit of the environment and our customers alike.

Gatic services
Gatic offers a full support service to specifiers and contractors, including Computer Aided Design. AutoCAD compatible details of all Gatic products are available. Please consult our technical department for assistance.

In view of our commitment to product improvement, we reserve the right to alter designs without notice. Design changes will not adversely affect the performance or loading capability of our products.
Loading Group | B125  PEDESTRIAN, INDUSTRIAL AND UTILITIES AREAS

Composite

Single Covers and Frames
Suitable for 3 tonne slow moving pneumatic wheel load. Cover test load - 125kN

<table>
<thead>
<tr>
<th>Pit clear opening sizes L x S (mm)</th>
<th>Cover type</th>
</tr>
</thead>
<tbody>
<tr>
<td>450 x 600</td>
<td>COMP</td>
</tr>
<tr>
<td>600 x 600</td>
<td>COMP</td>
</tr>
<tr>
<td>800 x 800</td>
<td>COMP</td>
</tr>
</tbody>
</table>

Rebates to be filled with 45 cube or 40 cylinder concrete during installation using 10mm coarse aggregate.
Duct & Trench Covers and Frames

Suitable for 3 tonne slow moving pneumatic wheel load. Cover test load - 125kN

<table>
<thead>
<tr>
<th>Pit clear opening spans (mm)</th>
<th>Cover type</th>
</tr>
</thead>
<tbody>
<tr>
<td>600</td>
<td>COMP</td>
</tr>
<tr>
<td>800</td>
<td>COMP</td>
</tr>
</tbody>
</table>

Gatic Composite

Gatic Composite covers can be supplied to cover ducts or trenches as straight runs.

<table>
<thead>
<tr>
<th>Pit clear opening spans (mm)</th>
<th>Cover type</th>
<th>Standard Pit clear opening length</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>940 1090 1240 1450 1600 1640 1750 1900 1960 2110 2260</td>
</tr>
<tr>
<td>600</td>
<td>COMP</td>
<td>2 2 2 3 3 - 3 3 4 4 4</td>
</tr>
<tr>
<td>800</td>
<td>COMP</td>
<td>- - - - 2 - - - - -</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pit clear opening spans (mm)</th>
<th>Cover type</th>
<th>Standard Pit clear opening length</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>2410 2470 2500 2560 2620 2770 2920 3070 3220 3360</td>
</tr>
<tr>
<td>600</td>
<td>COMP</td>
<td>4 5 - 4 5 5 5 5 5 -</td>
</tr>
<tr>
<td>800</td>
<td>COMP</td>
<td>- - 3 - - - - - 4</td>
</tr>
</tbody>
</table>

The number shown indicates the quantity of cover parts.
Multispan Covers and Frames
Suitable for 3 tonne slow moving pneumatic wheel load. Cover test load - 125kN

Specification
Below is sample specification information and notes for Multispan composite covers and frames.

Loading group Gatic B125
3 tonne slow moving pneumatic wheel load – test load 125 kN.

Materials
Hybrid resin construction.
Frames galvanised to BS EN ISO 1461.

Finishes
Removable supporting steelwork and side frames are supplied with a galvanised finish.

Surround concrete by customer
Concrete strength, using 10mm coarse aggregate, to be:
45N/mm² for a test cube of 150mm or
40N/mm² for a test cylinder of 150mm diameter x 300mm high.

Installation
In accordance with instructions supplied by Gatic.

To specify use size and description format as follows:

**Composite Multispan covers and frames** Cover type COMP
Multiple access covers with removable beams.

... in no. .... (length) x .... (span) mm pit clear opening galvanised multi span cover and frame.
Composite Type Composite Cover in .... parts complete with
... in no. .... x .... mm galvanised removable support beam spanning the .... (length) mm way.
Suitable for Loading Group B125 – 3 Tonnes Slow Moving Wheel Load (pneumatic tyre).

Standard pit clear opening sizes are shown on Page 7.
Multispan Covers and Frames

Suitable for 3 tonne slow moving pneumatic wheel load. Cover test load - 125kN

Product Selection

Refer to the table to identify which cover and beam configuration you require against pit clear opening length (L) and pit clear opening span (S). All dimensions are in millimetres.

<table>
<thead>
<tr>
<th>Pit clear opening length (L) mm</th>
<th>Beam centres (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 parts</td>
<td>A     B   C     D   E</td>
</tr>
<tr>
<td>940</td>
<td>BM6045 BM6045</td>
</tr>
<tr>
<td>1090</td>
<td>BM6045 BM6060</td>
</tr>
<tr>
<td>1240</td>
<td>BM6060 BM6060</td>
</tr>
<tr>
<td>1640*</td>
<td>BM6060 BM6080</td>
</tr>
</tbody>
</table>

4 part (2x2) recessed multispan cover with 3 removable support beam

| 1450                            | BM6045 BM6045 |
| 1600                            | BM6045 BM6045 |
| 1600                            | BM6045 BM6060 |
| 1900*                           | BM6060 BM6060 |
| 2500                            | BM6060 BM6080 |

6 part (2x3) recessed multispan cover with 5 removable support beams

| 1960                            | BM6045 BM6045 |
| 2110                            | BM6045 BM6045 |
| 2260                            | BM6045 BM6045 |
| 2410                            | BM6045 BM6045 |
| 2560                            | BM6045 BM6045 |
| 3360*                           | BM6060 BM6080 |

8 part (2x4) recessed multispan cover with 7 removable support beams

| 2470                            | BM6045 BM6045 |
| 2620                            | BM6045 BM6045 |
| 2770                            | BM6045 BM6045 |
| 2920                            | BM6045 BM6045 |
| 3070                            | BM6045 BM6045 |
| 3220                            | BM6060 BM6060 |

10 part (2x5) recessed multispan cover with 5 removable support beams

Note: For other pit clear opening sizes please refer to our technical department.
Composite

Multispan Covers and Frames

Suggested frame rebate

Direction of sliding out covers

Rebate to be filled with 45 cube or 40 cylinder concrete during installation using 10mm coarse aggregate

Maximum Pit Clear Opening Length

Maximum Pit Clear Opening Span

Suggested frame rebate
Gatic composite access covers have two standard keys that can be used to remove or lift composite covers. There is short key which can be used for convenience for inspections and for carrying in a tool kit. Alternatively there is a long key which reduces the risk of operator injury when removing covers from a frame. Also available as an accessory is a foot pedal attachment which can be used in conjunction with the short key. When covers are sealed in position due to detritus, a quick press on the foot pedal breaks the seal and allows easy removal. Please contact Gatic for further information.

Note: all covers have a spring loaded lock which allows covers to be pushed back into the frame and the lock will automatically engage, reducing any risk of the covers being left unlocked.
Composite – Applications gallery
Interactive Website
Our website is ultra user-friendly and offers full details of our Slotdrain surface water drainage systems, channel drainage and linear drainage. This includes features and benefits, sizes and load categories, as well as design service and contact information.

The website also contains dedicated Access Covers and StreetWise sections.

LFA Brochure
Gatic LFA covers mirror the Gatic Assist Lift range of covers, but are designed for applications where sealing of the cover is not required. They are manufactured in ductile iron with a choice of tops, providing uninterrupted access to the services below.

Gatic LFA covers facilitate one-person opening of F900 load-rated ductile iron covers, either as an individual cover or as part of a multi-cover arrangement.

Assisted Lift Brochure
Illustrated literature covering our range of gas and airtight inspection covers with assisted opening for Loading Group F900.

Access Covers Brochure
A detailed manual with full technical detail on the complete range of our access covers and frames for all loading groups. The manual includes product selector guides and installation information. Also available is complementary interactive software that allows you to design your own drainage system.

Register your details with us on the MyGatic section of our website, alternatively, register by phone or email.

Access Covers Product Selector Software
Our Gatic Access Covers Product Selector software can be sent to you on a USB at no cost. Simply register your details with us on the MyGatic section of our website, or by emailing/phonning us.

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