GATiC® Pave. High-performance access covers for paved areas.
Gatic Pave is a comprehensive system of single, duct and multi-span access covers and frames for use in paved areas where an aesthetic finish is required in environments up to D400 loading.

**Product Features and Benefits**

**Materials**

The components of Pave covers are manufactured from Ductile iron to BS EN 1563 and structural steel sections (removable beams) to BS 4-1.

**Non-rocking**

Correctly installed, Pave covers will be non-rocking under slow-moving traffic.

**Watertight**

A film of graphite grease between the contact faces of Gatic units provides a gas and airtight seal, and a watertight joint under normal rainwater conditions.

**Secure and vandal resistant**

Gatic covers cannot be removed without the correct lifting key so unauthorised removal is virtually impossible. Locking bolts can be fitted to Gatic cover keyways as an additional security feature. Gatic recommends that due to their weight with paviour infill, when Pave covers are removed they are lifted vertically using Gatic's mechanical lifting keys.

**Finish types**

Covers, removable supporting steelwork and side frames are supplied with a galvanised finish.

**Applications**

Urban public places and parking areas.

**Materials**

The components of Pave covers are manufactured from:

- Ductile iron to BS EN 1563
- Structural steel sections (removable beams) to BS 4-1

**Environmental commitment**

Responsibility towards the environment is our primary concern.

Our customers often demand products that are made from recycled and recyclable materials, supplied by companies with robust environmental policies to reduce the environmental impact of their products for future generations.

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
- Control organisational resources to energy management
- Reduce energy costs
- Give high priority to energy efficient investments
- Consider life cycle energy costs for 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 the most 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 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. Deep changes will not adversely affect the performance or loading capability of our products.
**Pave – Heavy Duty**

Single Covers and Frames

Suitable for 11.5 tonne slow-moving pneumatic wheel load. Cover test load - 400kN

<table>
<thead>
<tr>
<th>Pit clear opening spans (mm)</th>
<th>Cover type</th>
</tr>
</thead>
<tbody>
<tr>
<td>600 x 600</td>
<td>PAV 600</td>
</tr>
<tr>
<td>750 x 600</td>
<td>PAV 750</td>
</tr>
<tr>
<td>750 x 750</td>
<td>PAV 750</td>
</tr>
</tbody>
</table>

**Duct & Trench Covers and Frames**

Suitable for 11.5 tonne slow-moving pneumatic wheel load. Cover test load - 400kN

<table>
<thead>
<tr>
<th>Pit clear opening spans (mm)</th>
<th>Cover type</th>
</tr>
</thead>
<tbody>
<tr>
<td>600 x 600</td>
<td>PAV 600</td>
</tr>
<tr>
<td>750 x 600</td>
<td>PAV 750</td>
</tr>
</tbody>
</table>

Pave Covers

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

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

The number shown indicates the quantity of cover parts. Other cover sizes may be available. Please refer to our technical department.

**Loading Group | D400**

**URBAN PUBLIC SPACES AND PARKING AREAS**

**GATIC**

Tel: +44 (0) 1304 203 545
### Multispan Covers and Frames

**Suitable for 11.5 tonne slow moving pneumatic wheel load. Cover test load - 400 kN**

#### Specification

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

**Loading group Gatic D400**

11.5 tonne slow moving pneumatic wheel load – test load 400 kN.

**Materials**

- Covers: Ductile iron components to BS EN 1563.
- Structural steel removable beams to BS 4-1

**Finishes**

Covers, removable supporting steelwork, side frames, 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:

- Pave Multispan Recessed covers and frames - **Cover type PAV recessed**
- Multiple access covers recessed for concrete infill with removable beams.
- ... in no. ... (length) x ... (span) mm pit clear opening galvanised multi span cover and frame.
- Pave Type PAV Ductile Iron Recessed Cover in ... parts complete with ... in no. ... (length) mm galvanised removable support beam spanning the ... (length) mm way.

Suitable for Loading Group D400 – 11.5 Tonnes Slow Moving Wheel Load (pneumatic tyre).

Standard pit clear opening sizes are shown on Page 7,

Beam sizes and other dimensions are shown on Page 8.

---

### 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.

**Loading Group D400**

D400 Pave

**Tel: +44 (0) 1304 203 545**

**Multispan Covers and Frames**

**Suitable for 11.5 tonne slow moving pneumatic wheel load. Cover test load - 400 kN**

#### Table: Cover and Beam Configurations

<table>
<thead>
<tr>
<th>Cover Type</th>
<th>Beam Configuration</th>
<th>Material</th>
<th>Span (mm)</th>
<th>Length (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAV</td>
<td>Multi span cover and frame</td>
<td>Ductile iron components to BS EN 1563</td>
<td>4000</td>
<td>4500</td>
</tr>
<tr>
<td>PAV</td>
<td>Removable support beam 2</td>
<td>Structural steel removable beams to BS 4-1</td>
<td>3000</td>
<td>3000</td>
</tr>
</tbody>
</table>

Note: For other pit clear opening sizes please refer to our technical department.
Multispan Covers and Frames

Beam Size

The required beam size for Multispan covers is dependent on the pit clear opening length and the loading group.

The table shows maximum beam length against beam span. The removable support beams are supplied by Gatic.

The table also indicates dimensions of the beam wallbox and rebate to suit different beam sizes. See also the accompanying section details.

Support beam size chart

<table>
<thead>
<tr>
<th>Removable support beam size [mm]</th>
<th>Max pit clear opening length [L]</th>
<th>Beam wallbox dimensions Y X V WX Y</th>
</tr>
</thead>
<tbody>
<tr>
<td>152 x 152 x 37kg/m UC 1300</td>
<td>297</td>
<td>319</td>
</tr>
<tr>
<td>203 x 203 x 52kg/m UC 1750</td>
<td>341</td>
<td>363</td>
</tr>
<tr>
<td>305 x 165 x 54kg/m UB 2300</td>
<td>445</td>
<td>467</td>
</tr>
<tr>
<td>356 x 171 x 67kg/m UB 2850</td>
<td>498</td>
<td>520</td>
</tr>
<tr>
<td>457 x 152 x 82kg/m UB 3450</td>
<td>601</td>
<td>623</td>
</tr>
<tr>
<td>533 x 210 x 122kg/m UB 3900</td>
<td>680</td>
<td>702</td>
</tr>
</tbody>
</table>

Covers recessed for paviour infill
The distribution box is located and secured to a Pave Multispan Cover.
Gatic recommends that due to their weight with paviour infill, when Pave covers are removed they are lifted using Gatic’s Mechanical lifting keys.

A Mechanical lifting key is inserted into each of the four keyways found on all Gatic Pave covers which are designed and tested for use with cranes and other mechanical devices.

Full operating and installation instructions are available from Gatic.
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.

COEX Brochure
Gatic COEX is a highly economical solution to protecting underground services. COEX is a system of single duct and multi span access covers and frames for areas of slow moving traffic, with a choice of cover types - concrete infill recessed or solid top. The range includes single covers, duct and trench covers, and multi span access covers. There are solutions for straight run and more complex configurations, useful selector mechanisms for different scales of job, and systems offered to suit both medium and heavy duty applications.

Assisted Lift Brochure
Illustrated literature giving advice and general information on safe handling, installation and maintenance of all our products.

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.

Gatic, Poulton Close,
Dover CT17 0UF
England
Tel: +44 (0) 1304 203 545
Fax: +44 (0) 1304 215 001
Email: info@gatic.com
Website: www.gatic.com

All reasonable care has been taken in the preparation of this brochure, all information, recommendations and guidance notes on the use of The Products are made without guarantee since the conditions of use are beyond the control of Alumasc Exterior Building Products Limited (The Company). The customer is responsible for ensuring that each product is fit for its intended purpose and that conditions for use are suitable. The information contained in this brochure and advice arising therefrom is free of charge and accordingly on the terms that no liability nor liability for negligence will attach to the Company or its servants in relation to any such service arising out of or in connection with this brochure. The Company pursues a policy of constant product development and information contained in this publication is therefore subject to change without notice.