

GATIC®

DRAINAGE & ACCESS COVERS

Uniclass

L731

CI/SfB

(52.5)

lh

GATIC® Composite. Solid and Vented Composite Access Covers Using ThruBeam® technology.

2017



Composite

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, light weight, 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.



ASSURANCE

The Gatic Quality Management System has been approved to BS EN ISO 9001:2008 Certificate No. PM 593419



ASSURANCE

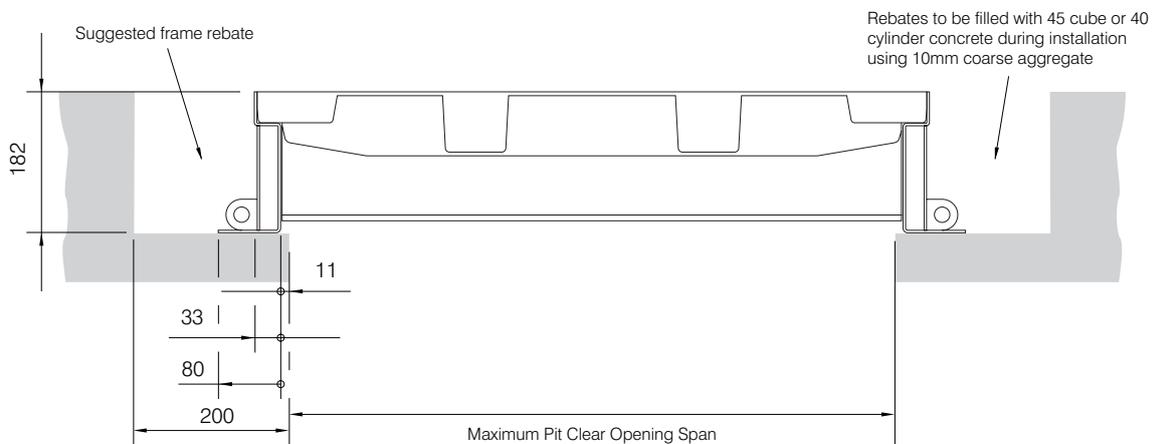
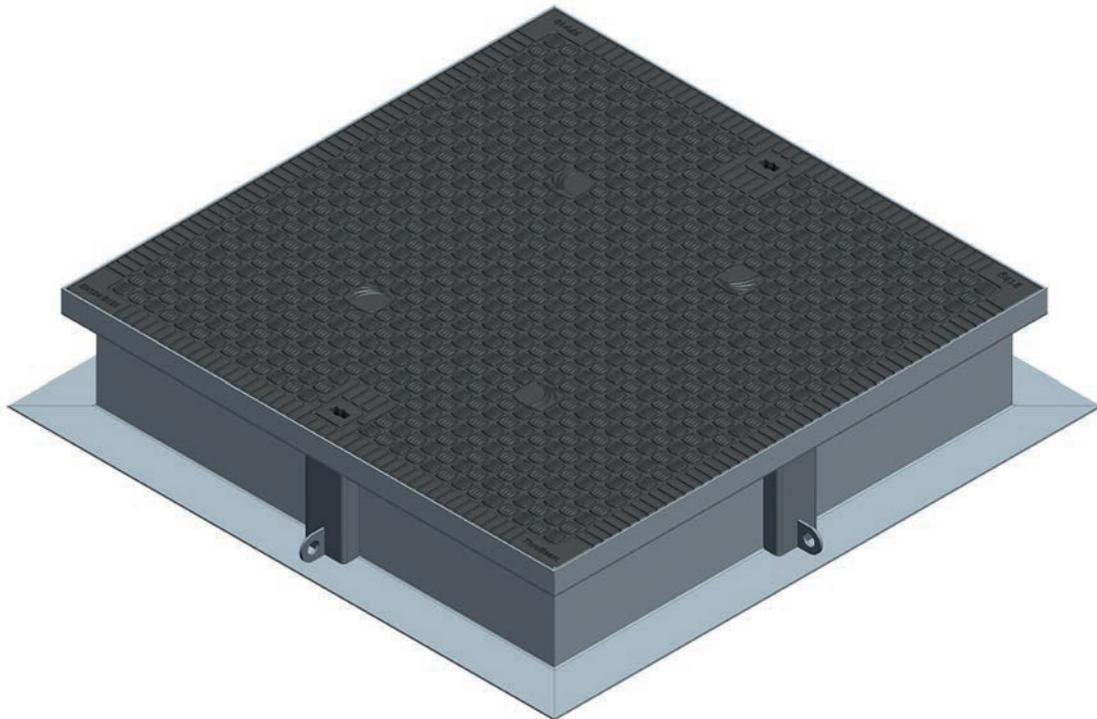
The Gatic Environmental Management System has been approved to ISO 14001:2004 Certificate No. EMS 593419

GATIC® Composite

Single Covers and Frames

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

Pit clear opening sizes L x S (mm)	Cover type
450 x 600	COMP
600 x 600	COMP
800 x 800	COMP





Duct & Trench Covers and Frames

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

Pit clear opening spans (mm)	Cover type
600	COMP
800	COMP

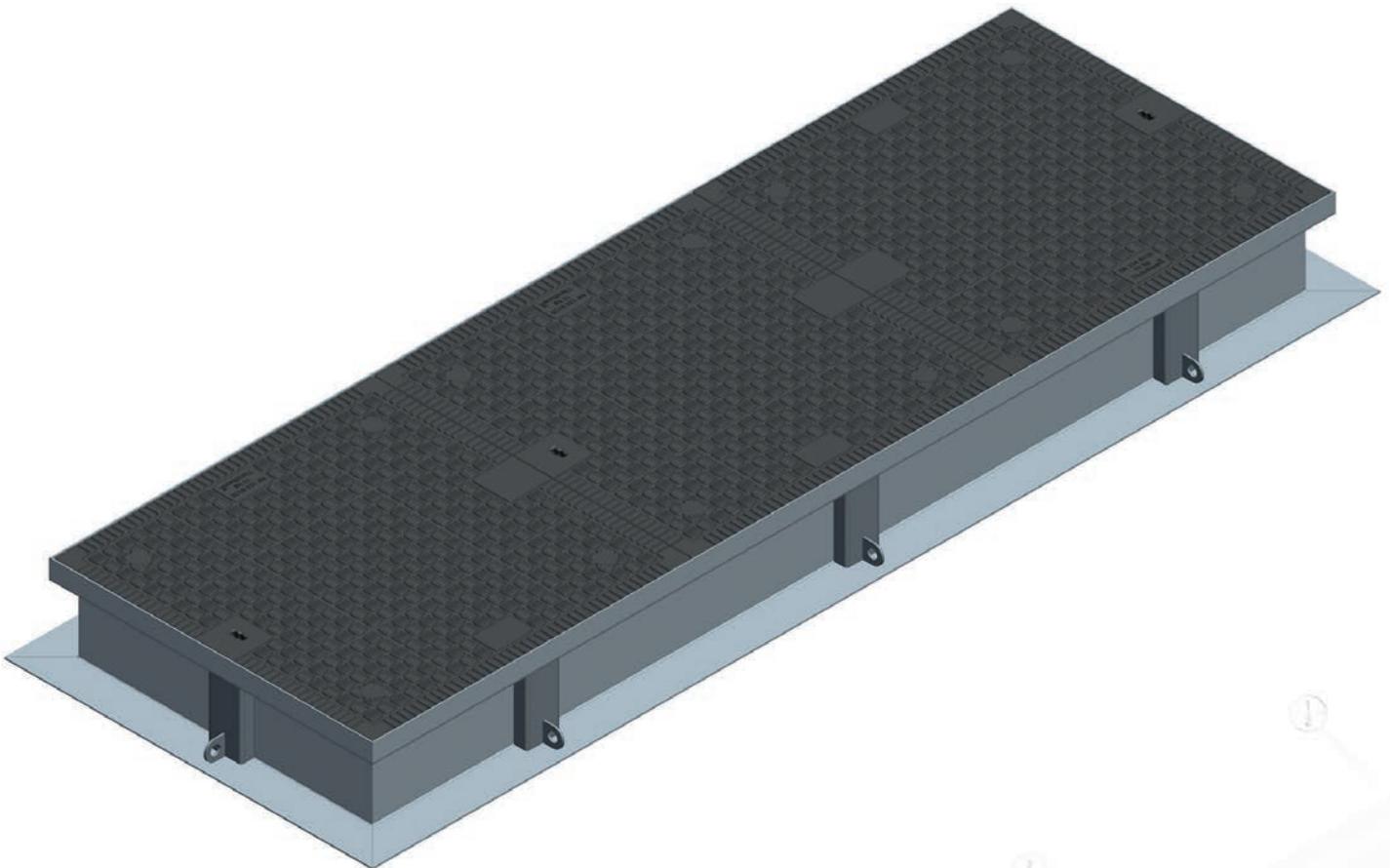
Gatic Composite

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

Pit clear opening spans (mm)	Cover type	Standard Pit clear opening length										
		940	1090	1240	1450	1600	1640	1750	1900	1960	2110	2260
600	COMP	2	2	2	3	3	-	3	3	4	4	4
800	COMP	-	-	-	-	-	2	-	-	-	-	-

Pit clear opening spans (mm)	Cover type	Standard Pit clear opening length									
		2410	2470	2500	2560	2620	2770	2920	3070	3220	3360
600	COMP	4	5	-	4	5	5	5	5	5	-
800	COMP	-	-	3	-	-	-	-	-	-	4

The number shown indicates the quantity of cover parts.



GATIC® Composite

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.

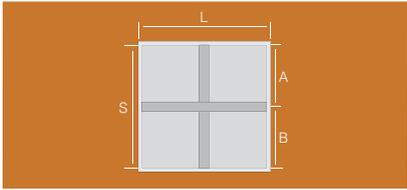
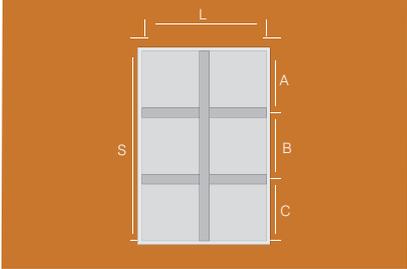
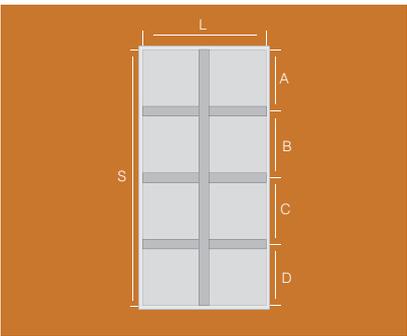
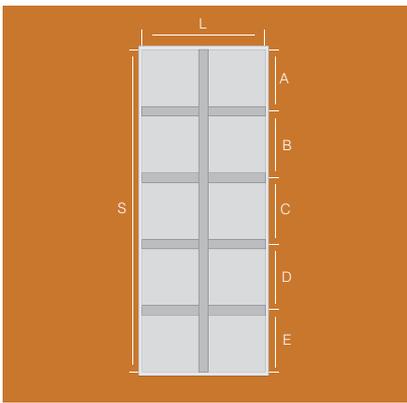


Multispan Covers and Frames

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

Product Selection

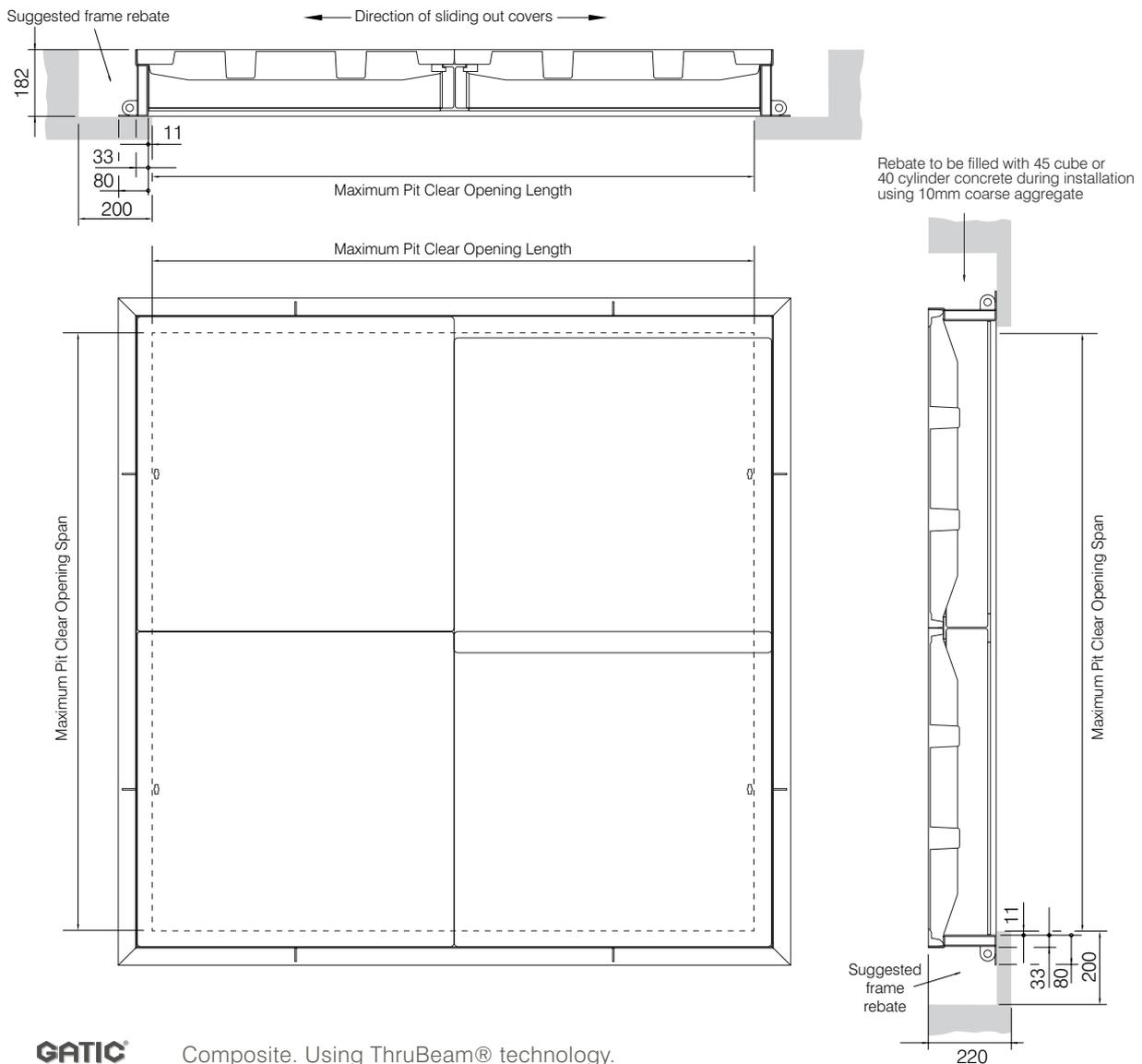
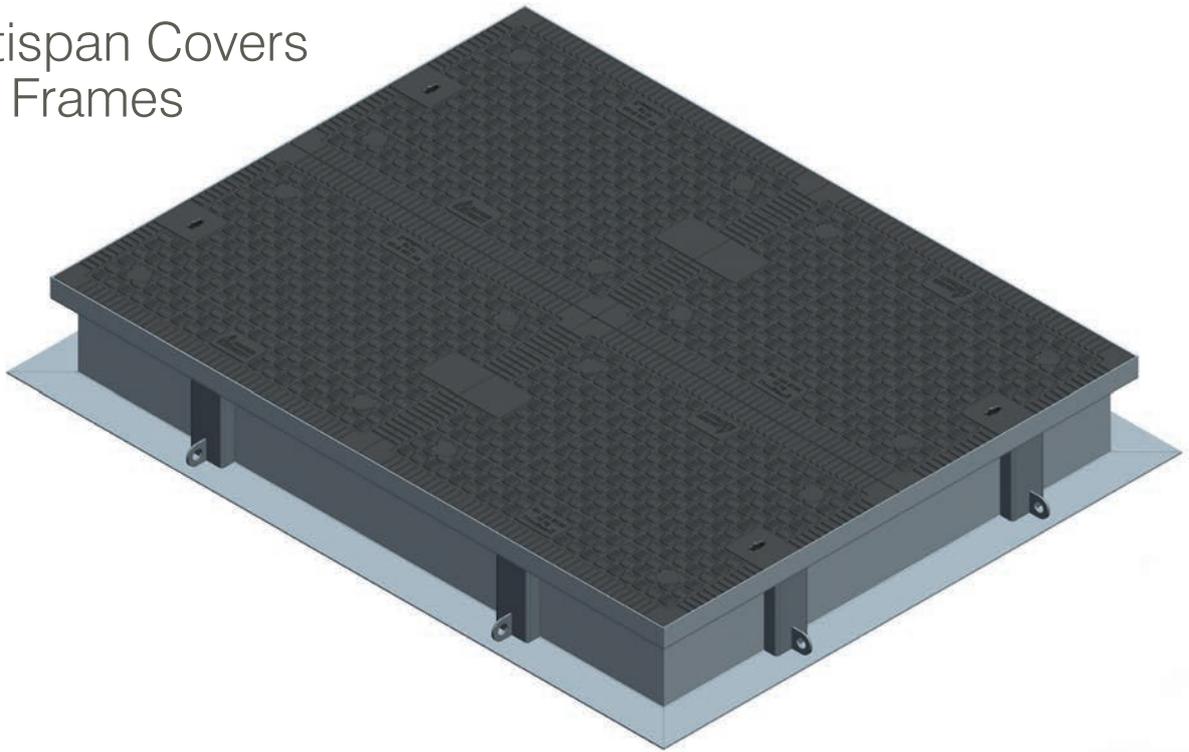
Refer to the table to identify which cover and beam configuration you require against pit clear opening length (L) and pit clear opening span (S). All dimensions are in millimetres.

		Pit clear opening length (L) mm		Beam centres (mm)				
		1240	1640*	A	B	C	D	E
Pit clear opening span (S) mm	2 parts 3 beams	940		BM6045	BM6045			
		1090		BM6045	BM6060			
	1240	<p>4 part (2x2) recessed multispan cover with 3 removable support beam</p>	BM6060	BM6060				
	1640*		BM8080	BM8080				
	3 parts 5 beams	1450		BM6045	BM6045	BM6045		
1600		BM6045		BM6045	BM6060			
	1750	<p>6 part (2x3) recessed multispan cover with 5 removable support beams</p>	BM6045	BM6060	BM6060			
	1900		BM6060	BM6060	BM6060			
	2500*		BM8080	BM8080	BM8080			
	4 parts 7 beams	1960		BM6045	BM6045	BM6045	BM6045	
2110		BM6045		BM6045	BM6045	BM6060		
2260		BM6045		BM6045	BM6060	BM6060		
2410		BM6045		BM6060	BM6060	BM6060		
2560		BM6060		BM6060	BM6060	BM6060		
3360*	BM8080	BM8080	BM8080	BM8080				
	8 part (2x4) recessed multispan cover with 7 removable support beams		* For units with length or span dimensions 1640, 2500 or 3360 please refer to Gatic					
			5 parts 9 beams	2470		BM6045	BM6045	BM6045
2620	BM6045	BM6045		BM6045		BM6045	BM6060	
2770	BM6045	BM6045		BM6045		BM6060	BM6060	
2920	BM6045	BM6060		BM6060		BM6060	BM6060	
3070	BM6045	BM6060		BM6060		BM6060	BM6060	
3220	BM6060	BM6060	BM6060	BM6060	BM6060			
	10 part (2x5) recessed multispan cover with 9 removable support beams		* For units with length or span dimensions 1640, 2500 or 3360 please refer to Gatic					

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

GATIC® Composite

Multispan Covers and Frames

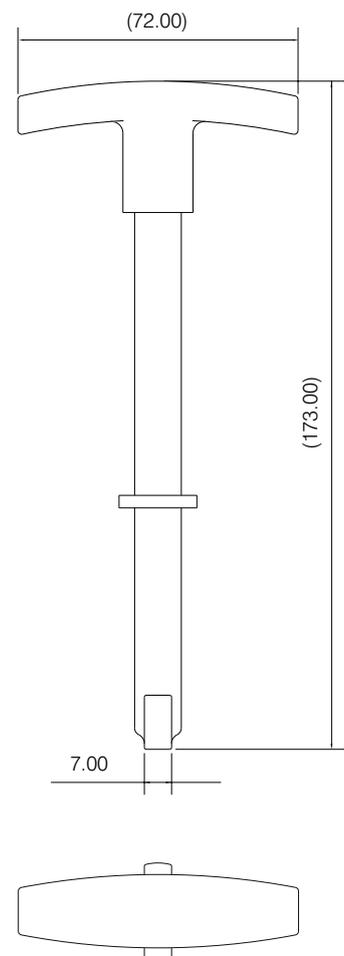
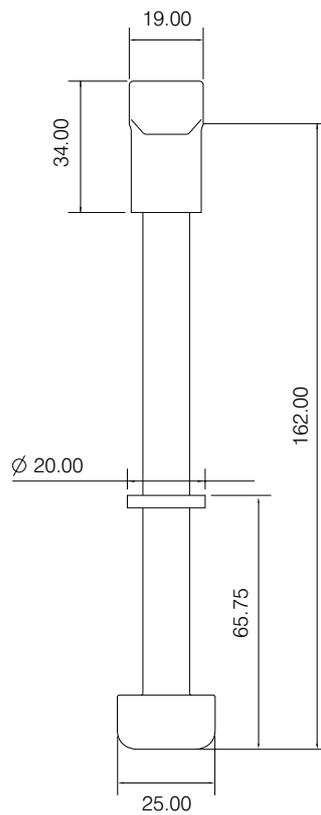




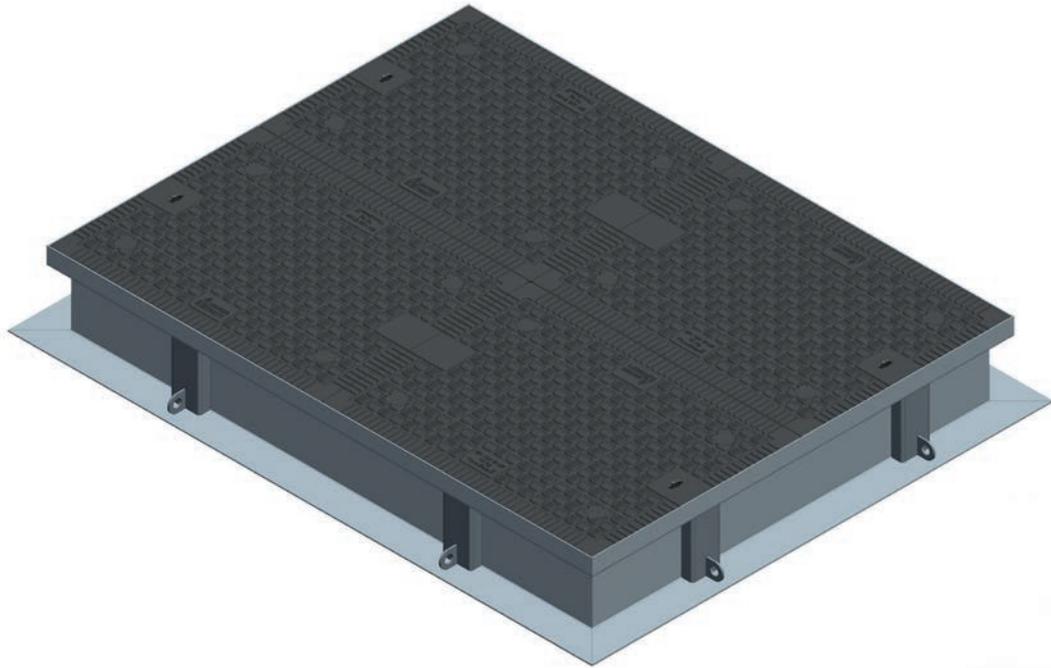
GATIC® Composite Lifting Keys

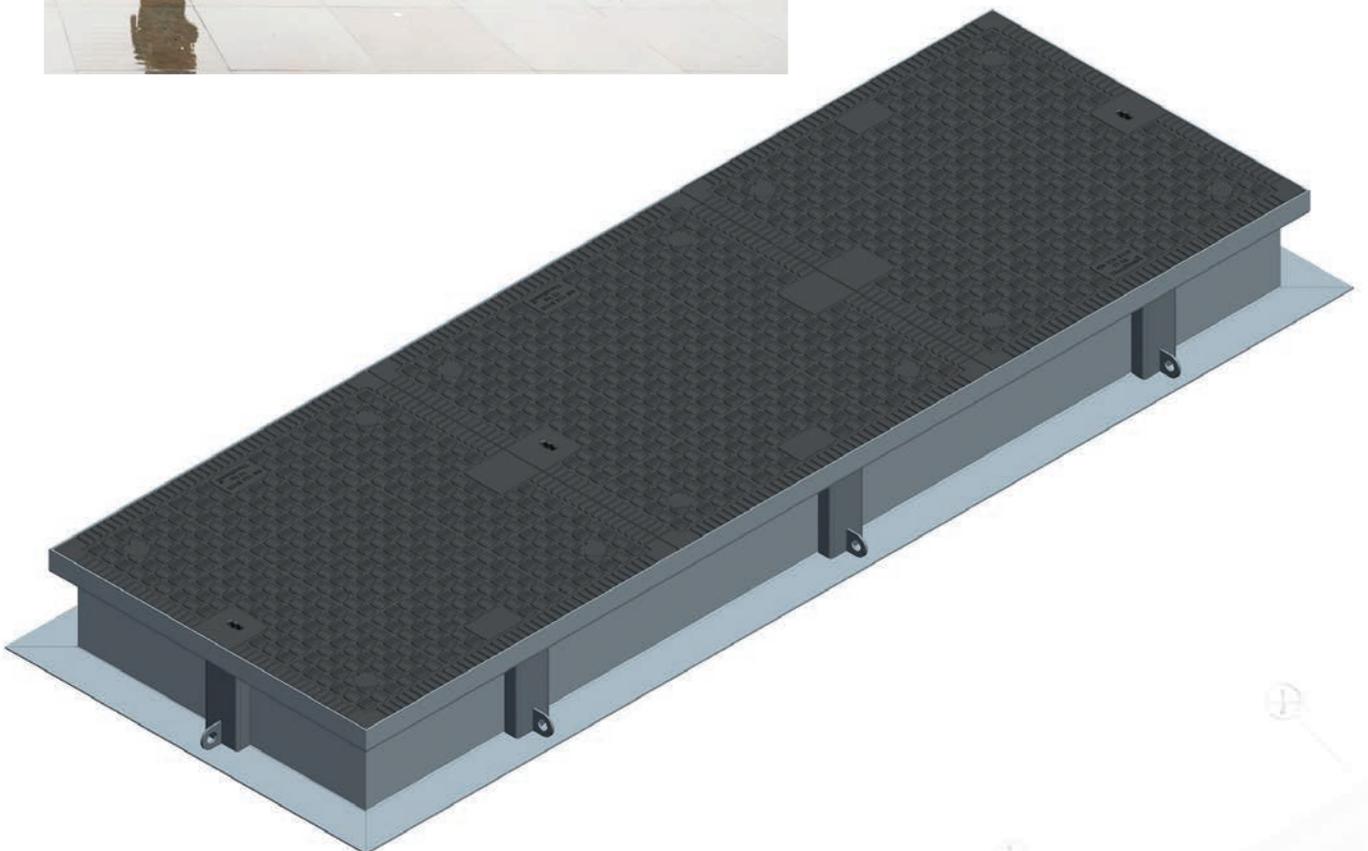
Gatic composite access covers have two standard keys that can be used to remove or lift composite covers. There is short key which can be used for convenience for inspections and for carrying in a tool kit. Alternatively there is a long key which reduces the risk of operator injury when removing covers 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.



GATIC® Composite – Applications gallery

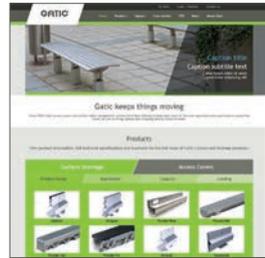




Interactive Website

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/phoning us.



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