Cover types
Covers are recessed for concrete infill or solid top according to specifier preference.

Concrete infill recessed covers
Recessed covers are designed for filling with concrete as specified in BS EN 124 - C45- 45 N/mm² for a test cube of 150mm, or a 40N/mm² for a test cylinder 150mm diameter x 300mm high, using a 10mm coarse aggregate.

Anti-slip surface covers
Concrete infill covers provide a non-slip surface similar to the surrounding areas. Solid top covers incorporate a raised lozenge pattern on the surface.

Environmental commitment
Responsibility towards the environment is our primary concern. Our customers often now demand products that are made from recycled and recyclable materials, supplied by companies with robust environmental policies to reduce the environmental impact of their projects for future generations.

To meet these requirements we have an integrated Quality (BS EN ISO 9001:2008) and Environmental (ISO 14001:2004) 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.

Materials
The components of Gatic covers are manufactured from the following materials:
- Ductile iron components to BS EN 1563:1997
- Structural steel sections (removable beams) to BS 4-1:2005

Fine tolerances
The seating faces of Gatic covers and frames are machined to ensure metal-to-metal contact within 0.25mm tolerance.

Non-rocking
Correctly installed, Gatic covers will be non-rocking under traffic and sealed against ingress of road dirt and other detritus.

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.

Watertightness under pressure
Pressure-tight
Standard single units with locking screws and holding-down bolts are available to withstand upward pressure. Consult our technical department for details.

Easy removal/replacement
The machined underside seating face of Gatic covers allows the sliding out of covers for easy removal or replacement.

Operator control
Jack screw operating keys locate positively and securely into Gatic covers and are a necessary tool if the inherent cover seal is to be broken effectively and to allow operator maximum control during operation.

Secure and vandal resistant
Covers are designed to prevent tampering and unauthorised removal. 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.

Ventilation
Ventilation can be provided by fitting four 25mm diameter ventilation tubes in recessed covers.

Wet screed
To ensure metal-to-metal contact within 0.25mm tolerance.

Frame bars
Frame bars in Gatic 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
Uns are coated with a black bituminous solution that acts as a temporary protection during transit, Removable supporting steelwork is galvanised to BS EN ISO 1461:2009. See page 80 for alternative finishes.

Installation
Consignments of Gatic units are accompanied by comprehensive installation instructions.

Levelling bolts
All side frame bars and wallboxes are fitted with bolts to assist in the levelling of the unit during installation.

Safety grids
Hinged lift-out galvanised steel safety grids (with padlock facility if required) can be incorporated into Gatic units. See page 80.