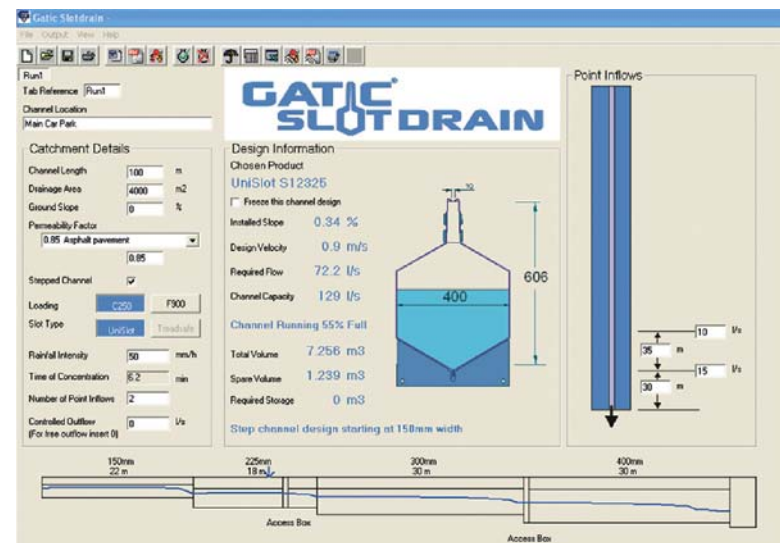


Design Service and Interactive Design Software

- The Slotrain Interactive Design software package is the most advanced linear drainage and stormwater attenuation design package available. It has been specifically developed to enable professional engineers to design effective and efficient surface water drainage schemes at the most appropriate and convenient time, without the need to send, request or wait for any information. Please call +44(0)1304 203545 to request your free software installation, introduction and training.
- Elkington Gatic also offers a comprehensive drainage design service.
- Additionally, our drainage design team offers a free design check, materials scheduling and estimating service.



GATIC[®] SLOT DRAIN

The Ultimate Concept in Surface Water Drainage

A division of Alumasc Ltd.

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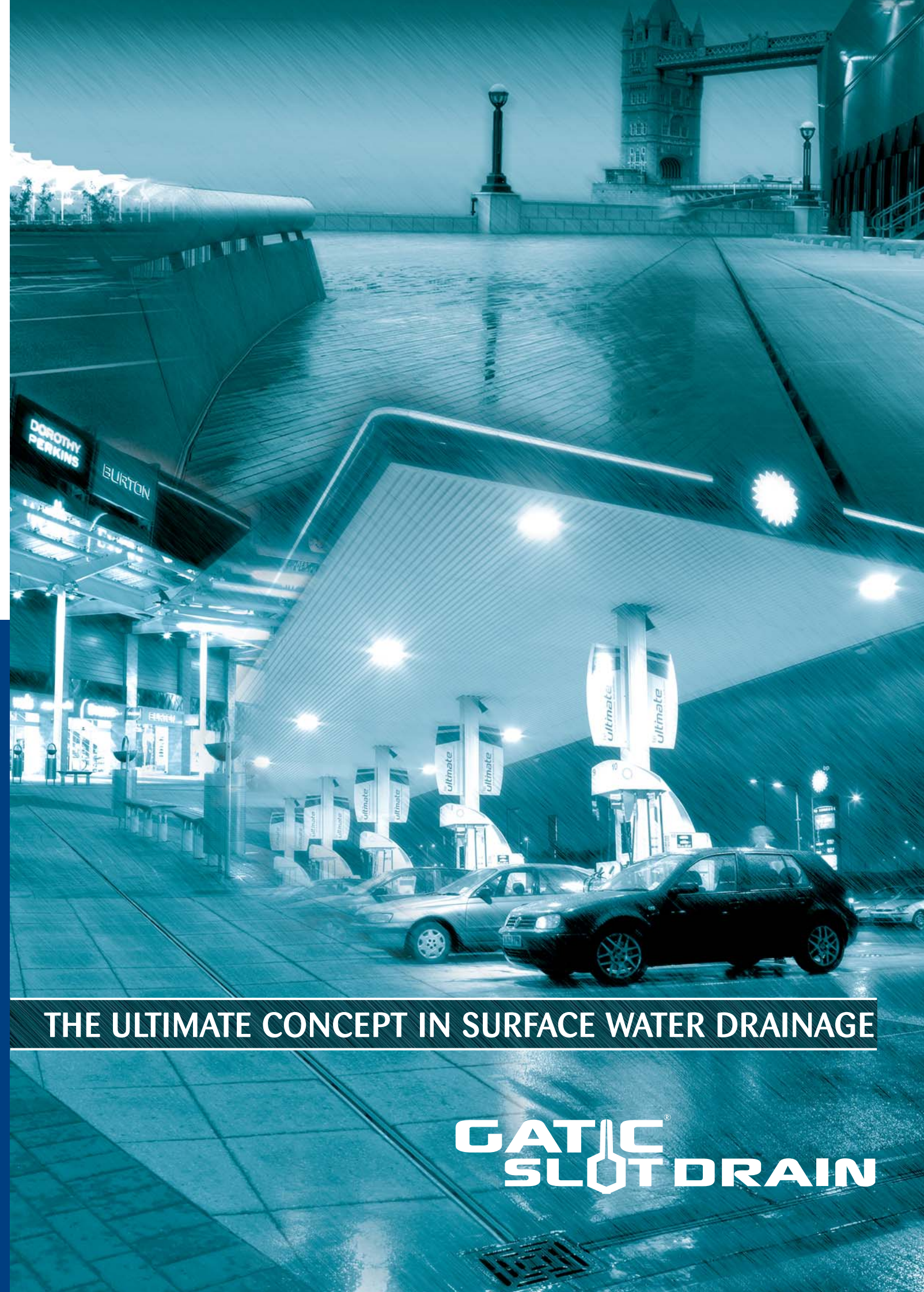
Patented in the UK
International Patents applied for

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The company reserves the right to make design changes without notice.

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THE ULTIMATE CONCEPT IN SURFACE WATER DRAINAGE

**GATIC[®]
SLOT DRAIN**

THE ULTIMATE CONCEPT IN SURFACE WATER DRAINAGE

Performance Benefits

Strong – Gatic Slotdrain channels have been load tested up to F900KN in accordance with EN: 1433; the European Standard for channel drainage. The system has also been awarded the Kitemark. Innovative concrete anchors provide a positive key to the surrounding concrete and if required, connection to steel reinforcing. **6 11 12**

Water Tight – When installed according to manufacturer's instructions, Gatic Slotdrain complies with the European Standard EN: 1433 regarding channel water-tightness. **6 7**

Durable – Gatic Slotdrain will remain intact for the design life of most projects, unlike most pre-cast alternatives. **12 13**

Rigid – Gatic Slotdrain provides a rigid channel liner that resists lateral forces. **11 12 13**

High Capacity Channels – Large channels achieve high discharge rates so reducing the need for additional channel runs and outlets. A 600mm wide channel unit has a storage capacity of 405 litres per metre. Gatic Slotdrain is a highly efficient solution for Storm-water Attenuation. **17 21**

Self-Cleansing – The innovative hexagonal design of Gatic Slotdrain with V-shaped channel invert helps to achieve a self-cleansing action through the channel, even during periods of low flow rates. **4**

Maximum Intake – PaveSlot & UniSlot channels have a maximum intake capacity of 8.5 l/sec/m and UltraSlot has a maximum intake capacity of 14 l/sec/m. On average, the intake capacity of Gatic Slotdrain is five times greater than required in typical storm conditions. **2 9 21**

Continuous Interception & Reduced 'Wash Over' – Horizontal slot design ensures continuous interception along the full length of the channel and reduces the 'wash-over' effect of surface liquids. This is particularly important in environmentally high-risk spillage locations such as fuelling areas and filling station forecourts. **2 9**

Fewer Joints (only 33 per 100m) – Gatic Slotdrain has fewer joints and lower frictional losses to achieve a smoother flow. **7 22**

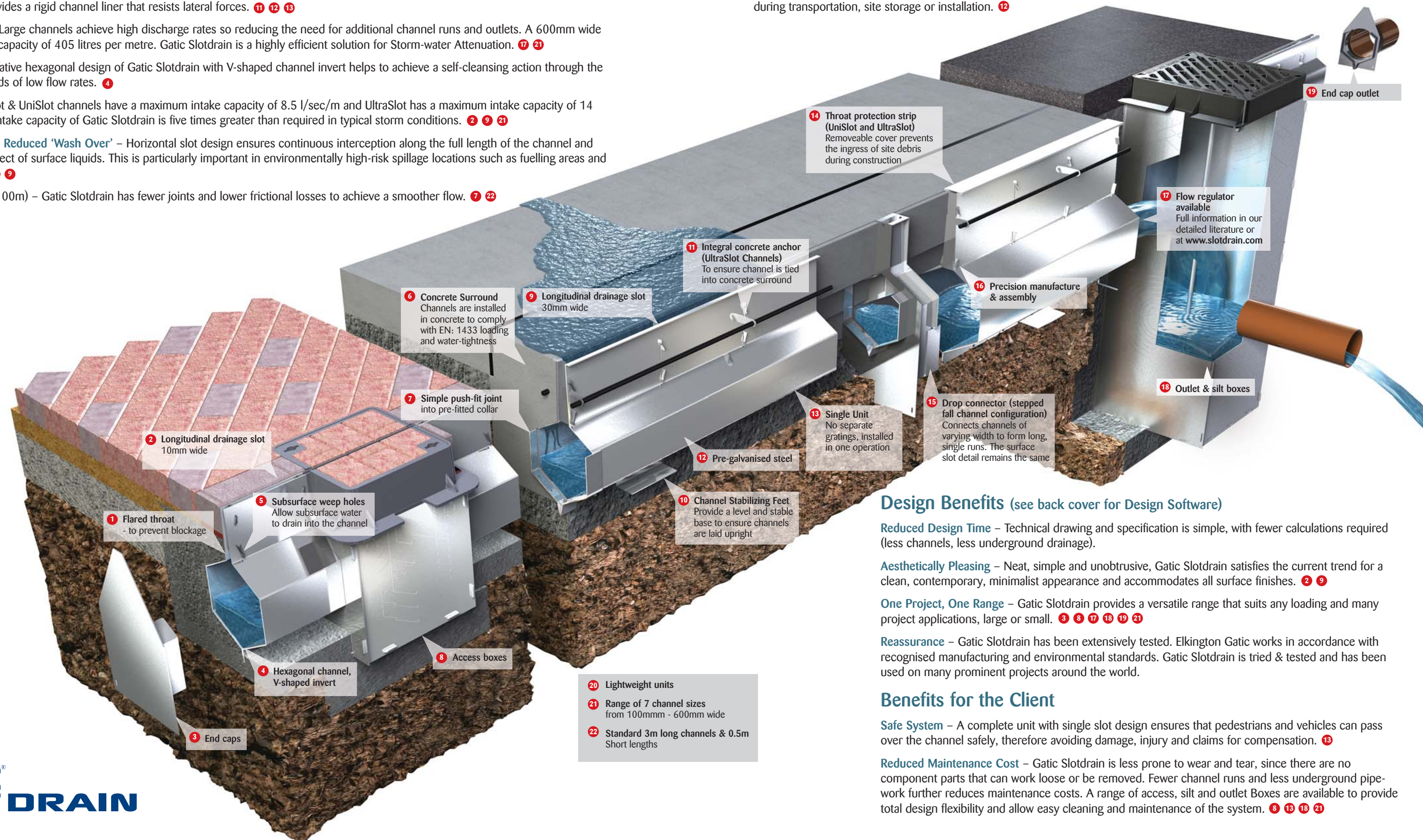
Installation Benefits

Time & Cost Savings – Gatic Slotdrain systems in 'stepped-fall' configuration will greatly reduce the amount of channel runs, ground excavation, outlet points and underground pipe work required to drain a large site, dramatically reducing total installation costs. **15 21**

Quick Installation – Gatic Slotdrain channels are quick to install when compared with pre-cast channels, achieving additional cost savings. Channel stabilizing feet provide a stable base and prevent units lifting during installation. **10 13 14 22**

Easy To Handle – Gatic Slotdrain channel units are lightweight and easy to handle on site. **20**

Impact Resistant – Gatic Slotdrain is strong and durable, designed to withstand damage during transportation, site storage or installation. **12**



Design Benefits (see back cover for Design Software)

Reduced Design Time – Technical drawing and specification is simple, with fewer calculations required (less channels, less underground drainage).

Aesthetically Pleasing – Neat, simple and unobtrusive, Gatic Slotdrain satisfies the current trend for a clean, contemporary, minimalist appearance and accommodates all surface finishes. **2 9**

One Project, One Range – Gatic Slotdrain provides a versatile range that suits any loading and many project applications, large or small. **3 8 17 18 19 21**

Reassurance – Gatic Slotdrain has been extensively tested. Elkington Gatic works in accordance with recognised manufacturing and environmental standards. Gatic Slotdrain is tried & tested and has been used on many prominent projects around the world.

Benefits for the Client

Safe System – A complete unit with single slot design ensures that pedestrians and vehicles can pass over the channel safely, therefore avoiding damage, injury and claims for compensation. **13**

Reduced Maintenance Cost – Gatic Slotdrain is less prone to wear and tear, since there are no component parts that can work loose or be removed. Fewer channel runs and less underground pipe-work further reduces maintenance costs. A range of access, silt and outlet Boxes are available to provide total design flexibility and allow easy cleaning and maintenance of the system. **8 13 18 21**



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