

8LOX 200 – Galvanised Edge Rail

The 8LOX drainage channel, a revolutionary system that promises to redefine the way we manage water in urban and commercial environments. With a cutting-edge design, polymer concrete base, ductile iron gratings, and a galvanised edge rail, the 8LOX represents the pinnacle of engineering excellence in drainage technology. Throughout this brochure, we'll explore the key features and benefits of the 8LOX drainage channel, demonstrating how it sets a new standard for drainage solutions.

Its innovative eight-point locking mechanism is at the heart of the 8LOX drainage channel. This ingenious design ensures that the grating securely locks into place, providing unmatched stability and preventing unauthorized access or tampering.



Load Class



1.5t

A15
1.5 tonnes



12.5t

B125
12.5 tonnes



25t

C250
25 tonnes



40t

D400
40 tonnes

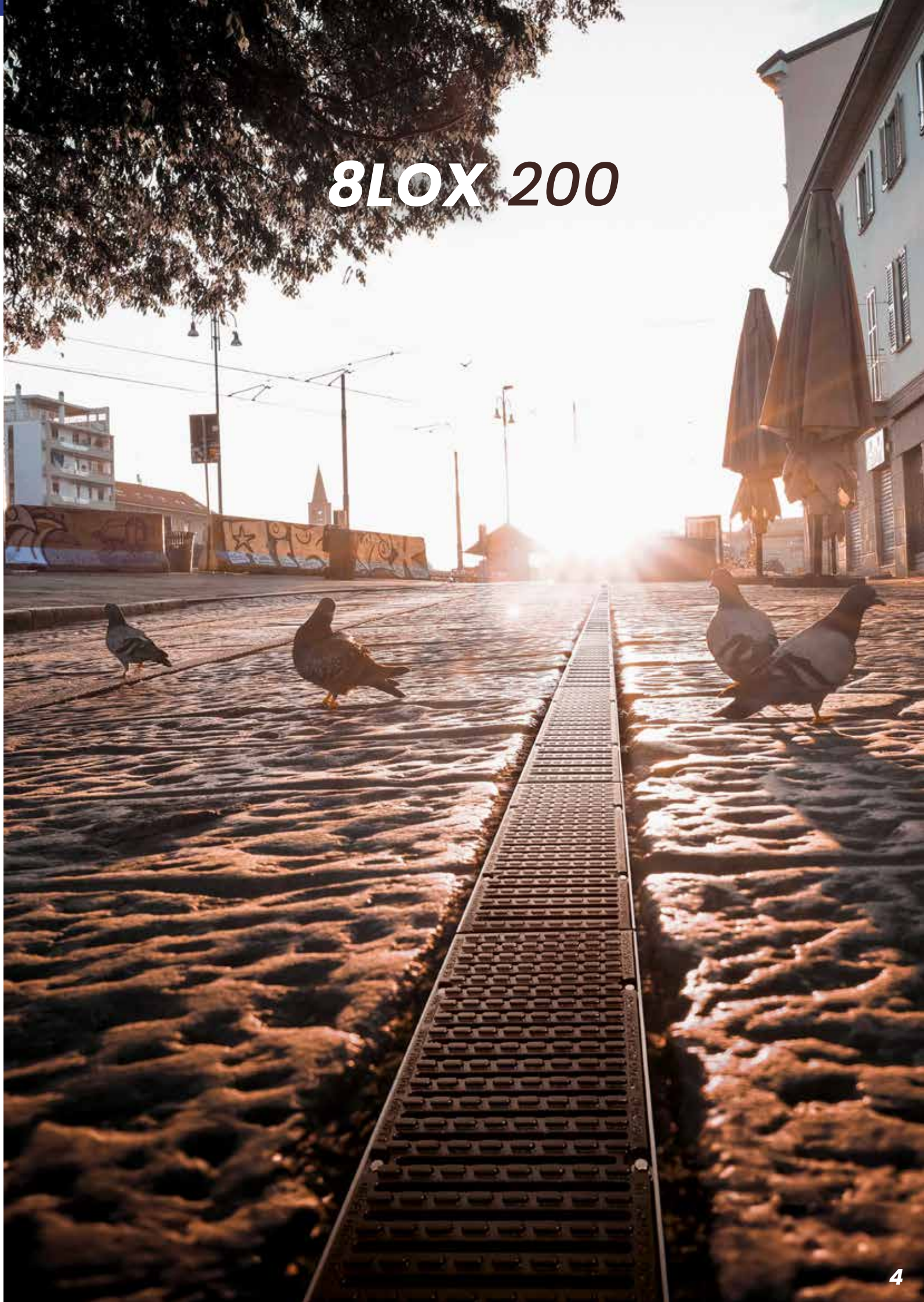
The 8LOX drainage channel is engineered for exceptional stability, even in the most demanding conditions. The polymer concrete base provides a robust foundation that can withstand the harshest weather, corrosive substances, and heavy traffic loads without compromising its structural integrity. Furthermore, the galvanised edge rail adds an extra layer of strength and protection against rust, and corrosion, ensuring that the system remains reliable.

One of the standout advantages of the 8LOX drainage channel is the straightforward, hassle-free installation process. This system can be assembled quickly and effortlessly thanks to its modular design. Whether you're a seasoned contractor or a first-time user, you'll appreciate the simplicity of installation, which saves time and labour costs.

Applications

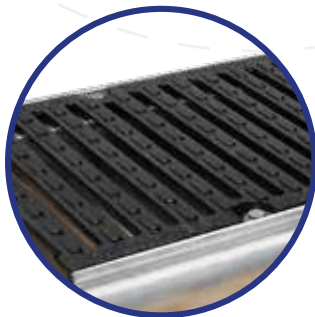
- Driveways
- Pedestrian areas
- Car parks
- Farms
- Commercial & civil areas

8LOX 200



8LOX 200 D400 – Overview

Colour Options

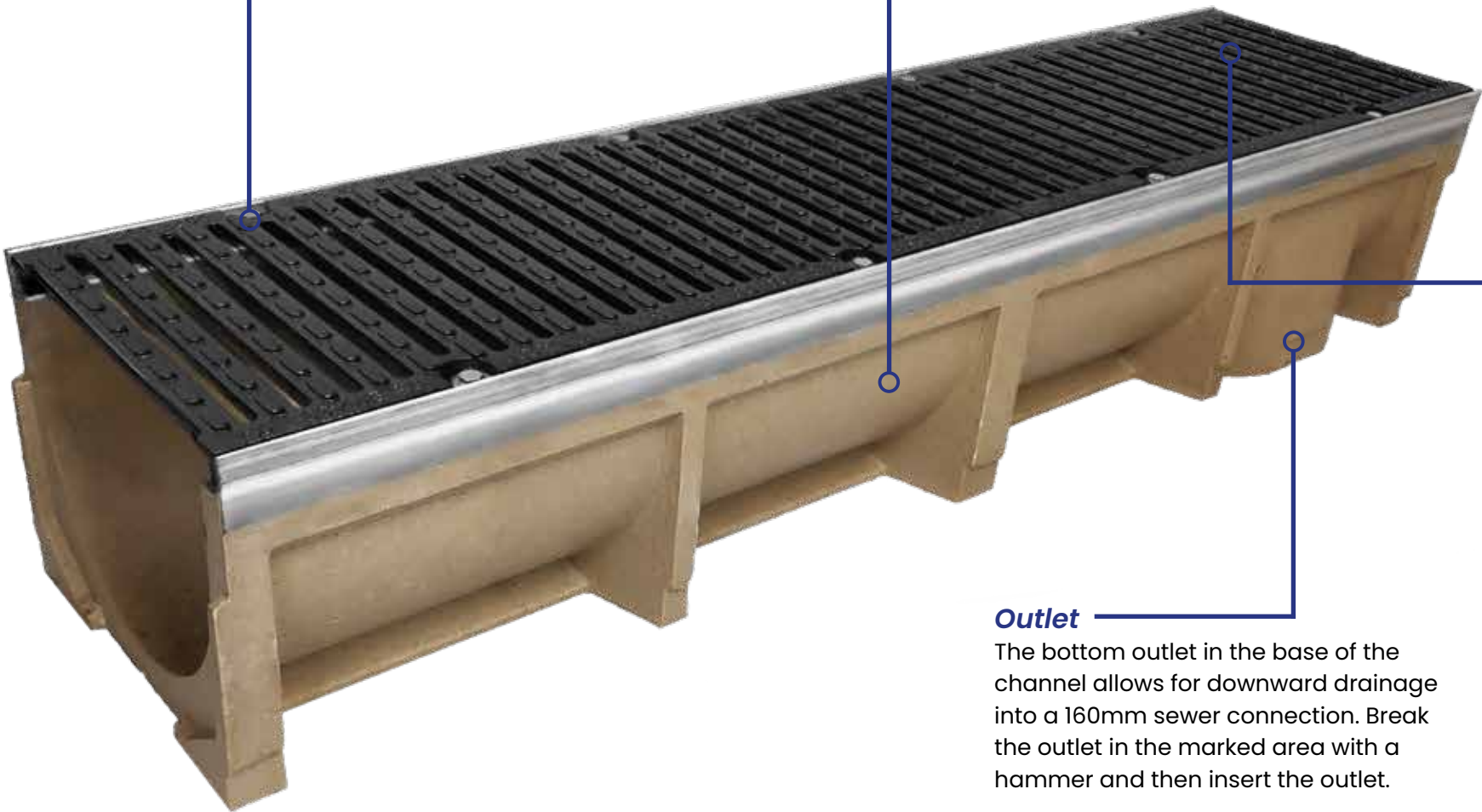


8-Point Locking

The eight-point locking system not only enhances the channel's durability but also contributes to its exceptional load-bearing capacity, making it suitable for a wide range of applications, from urban to commercial areas.

Material

The 8LOX is constructed from polymer concrete and therefore possesses exceptional benefits, including its superior quality, resilience, and resistance to the corrosive effects of various chemicals. Another stand-out feature of polymer concrete is its smooth surface. This material ensures efficient water flow, preventing clogs and minimising the need for excessive maintenance.



SAFEHEEL

Outlet

The bottom outlet in the base of the channel allows for downward drainage into a 160mm sewer connection. Break the outlet in the marked area with a hammer and then insert the outlet.

Load Classes



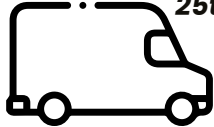
1.5t

A15



12.5t

B125



25t

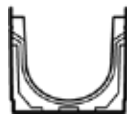
C250



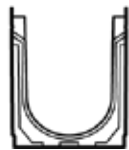
40t

D400

Depth Options



190mm



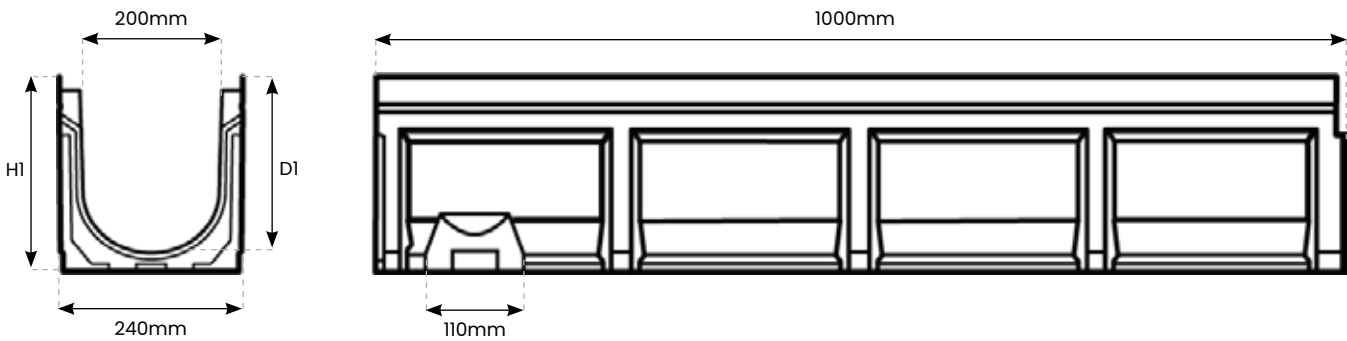
240mm



290mm

8LOX 200 – Galvanised Edge Rail

The 8LOX drainage channel has an eight-point locking mechanism that allows for a user-friendly installation process with unmatched stability. This system offers a superior solution for managing water in urban and commercial settings. Whether you're looking to enhance safety and security or seeking a durable drainage system for your project, the 8LOX is the choice that delivers both innovation and reliability.



Accessories



End Cap
Front/Back

End Caps can be used at the end of your channel run to stop the flow of water.



End Cap Outlet

An End Cap Outlet can be used at the end of the run to allow water to be taken to your exterior drainage pipes and away from the channel.



Green Drain
Foul Air Trap

Green Drain Foul Air Trap fits into the pipe connector, forming a barrier that stops foul air and unpleasant odours from escaping.



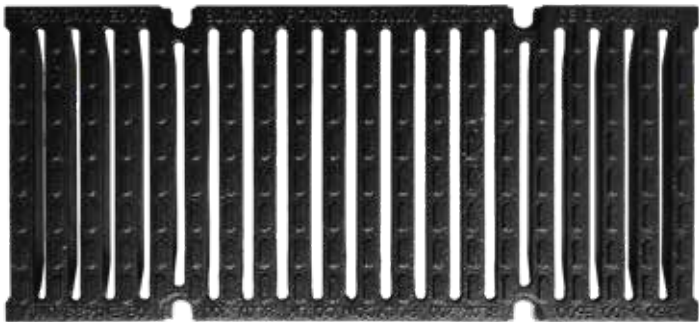
Sump Unit

A Sump Unit can be used as an access point to the channel, allowing for any maintenance checks. However, it also acts as a reservoir, temporarily storing excess water before discharging it in a controlled manner to prevent adverse effects of water accumulation.

Depth Options

8LOX 200 Galvanised Edge Rail – Specifications

Reference	Description	Length	Internal Width	Overall Width	Overall Depth(H1)	Internal Depth(D1)	Load Class	Safe Heel	Area (cm2)
8L.200.190.GER	8LOX 200.190 – Galvanised Edge Rail	1000mm	200mm	240mm	190mm	170mm	A-D	Yes	254
8L.200.240.GER	8LOX 200.240 – Galvanised Edge Rail	1000mm	200mm	240mm	240mm	220mm	A-D	Yes	353
8L.200.290.GER	8LOX 200.290 – Galvanised Edge Rail	1000mm	200mm	240mm	290mm	270mm	A-D	Yes	452



Ductile Iron Grating
(D400)

Grating – Specification

Reference	Description	Length	Height (H)	Overall Width
8L.200.DIG.D400	8LOX 200 Ductile Iron Grating D400	1000mm	30mm	230mm

Accessories- Specifications

Reference	Description	Length	Height (H)	Overall Width	Weight (KG)	Outlet
8L.200.SU.GER	8LOX 200 Sump Unit Galvanised Edge Rail	500mm	810mm	380mm	50kg	160-200mm
8L.200.190.ECO.GER	8LOX 200.190 End Cap Outlet Galvanised Edge Rail	40mm	190mm	240mm	-	160mm
8L.200.240.ECO.GER	8LOX 200.240 End Cap Outlet Galvanised Edge Rail	40mm	240mm	240mm	-	160mm
8L.200.290.ECO.GER	8LOX 200.290 End Cap Outlet Galvanised Edge Rail	40mm	290mm	240mm	-	160mm
8L.200.190.EC.GER	8LOX 200.190 End Cap Galvanised Edge Rail	40mm	190mm	240mm	-	-
8L.200.240.EC.GER	8LOX 200.240 End Cap Galvanised Edge Rail	40mm	240mm	240mm	-	-
8L.200.290.EC.GER	8LOX 200.290 End Cap Galvanised Edge Rail	40mm	290mm	240mm	-	-