



**DRIVEN BY
INNOVATION.**



SCANDINAVIAN ENGINEERING FOR CRITICAL INFRASTRUCTURE.

- **Headquartered in Denmark**, with partners across Scandinavia, Europe, and the UK
- **20+ years of experience** in cable protection and underground infrastructure
- Strong background within **rail, energy, digital and critical infrastructure**

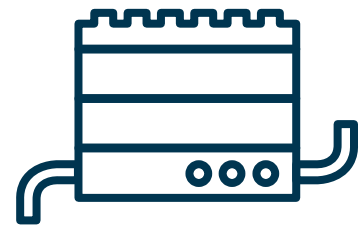
CABLE PROTECTION THAT LASTS.



Reducing installation
time & complexity



Documented compliance



Structural integrity



Long-term performance

PROVEN IN DEMANDING ENVIRONMENTS.



ONE LOGIC. SEAMLESS SYSTEM.



 **FUTURA**
MODULAR CHAMBER SYSTEM



 **HYBRID COVERS**
ACCESS SOLUTIONS



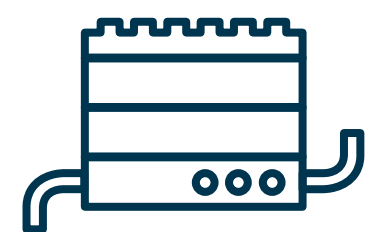
 **QUATTRO**
CABLE DUCT SYSTEM



 **U-CHANNEL**
CABLE THROUGH SYSTEM



 **X-DUCT**
CABLE THROUGH SYSTEM



Integrated chambers,
covers, and cable
systems



Modular push-fit
design — faster install



Proven load
performance, fully
documented

IQ SYSTEM INTEGRATION.



IQ Hybrid Cover

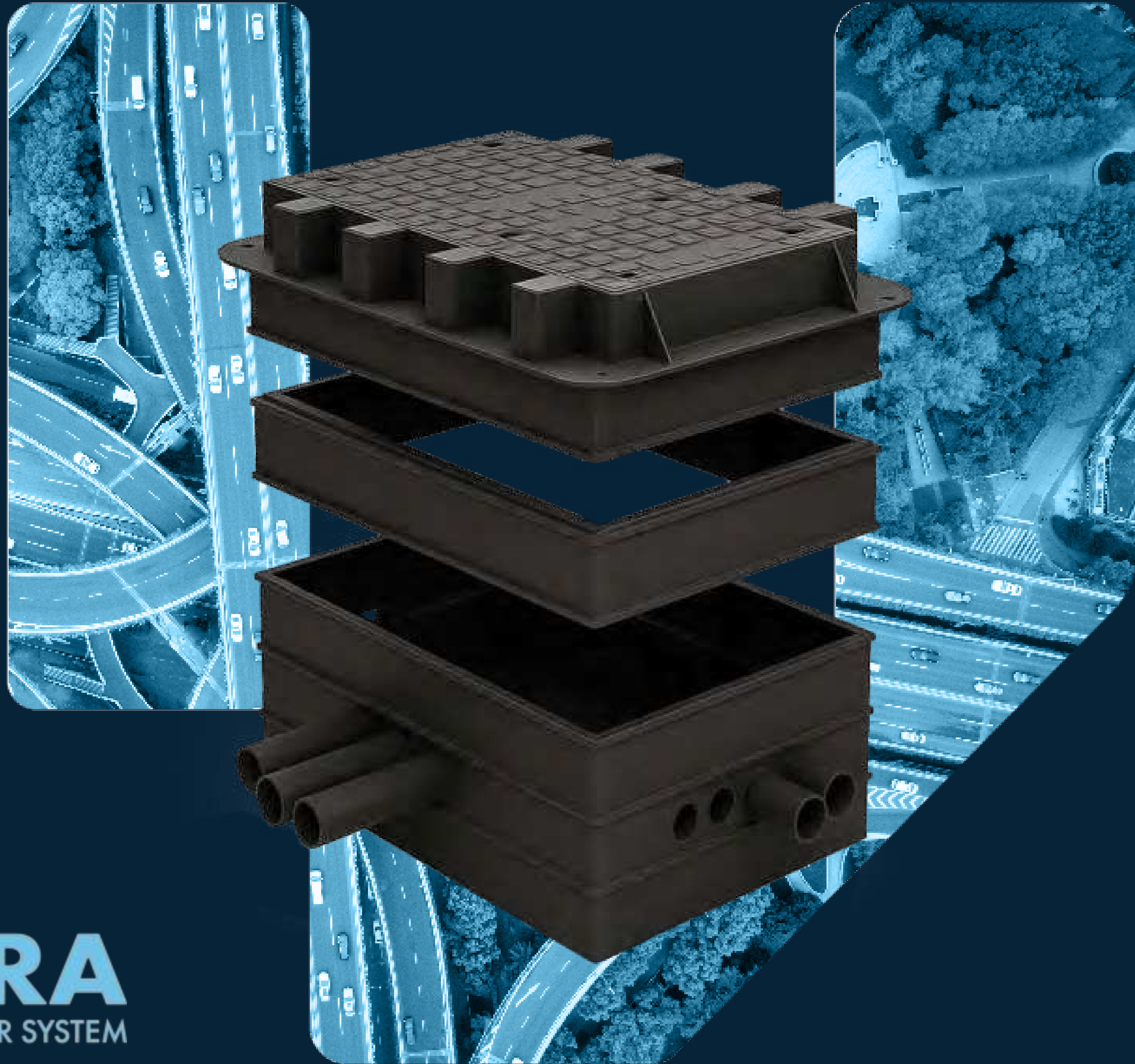
IQ Futura Chamber

IQ X-Duct



IQ U-Channel

IQ Quattro



FUTURA
MODULAR CHAMBER SYSTEM

UNDERGROUND ACCESS AND CABLE MANAGEMENT.



IQ Futura is a modular, stackable chamber system. Built section by section to achieve the exact depth and load class required.

Up to 60% faster
installation

Lightweight design: no
heavy lifting required

Customizable, DGNB
– compatible materials



ADAPTABLE STRENGTH.

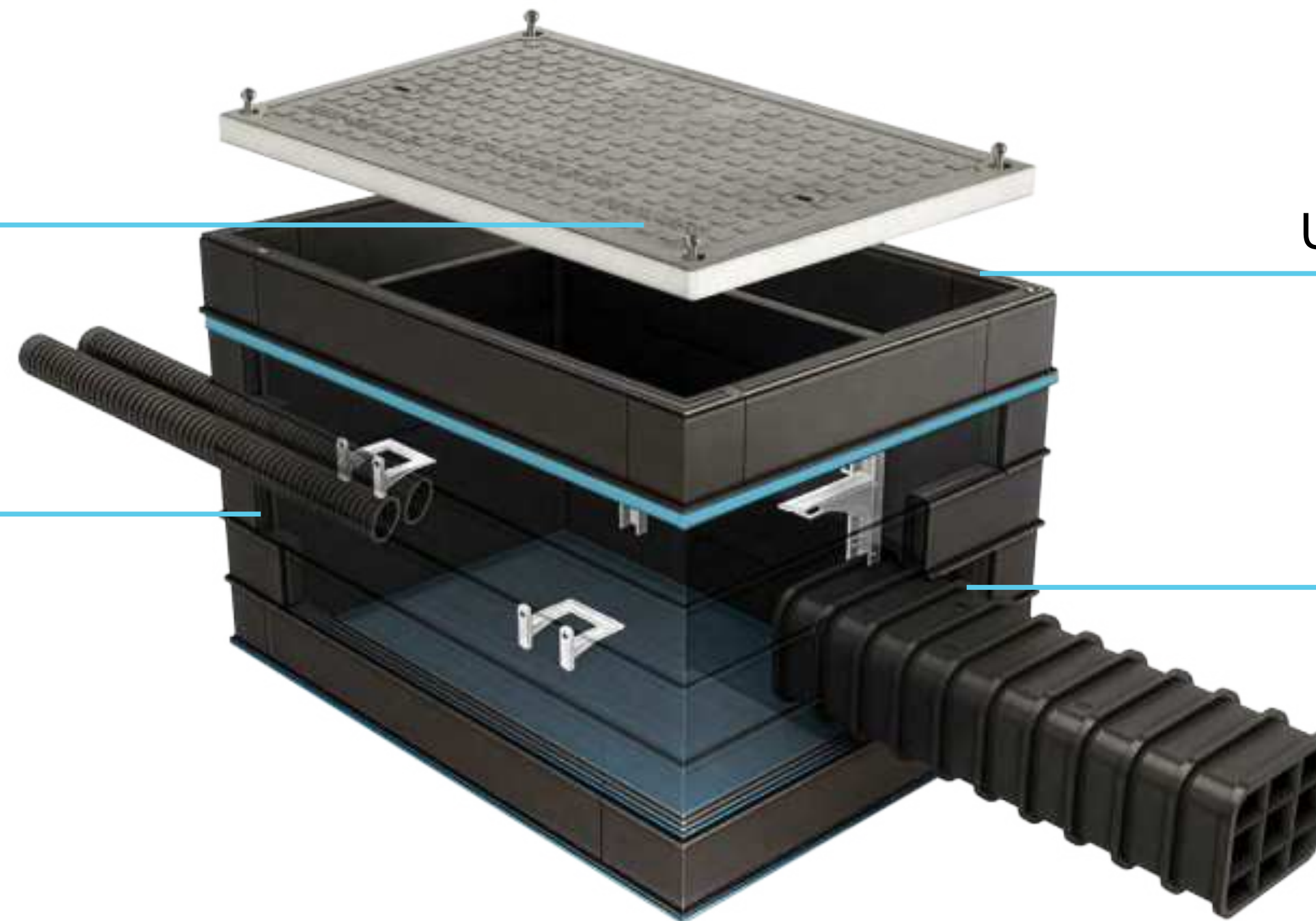


VERTICAL STRENGTH

Tested up to 90 tonnes incl.
composite cover

SIZE RANGES

From 300 x 300 up to 3000 x 3000 mm



LIGHTWEIGHT GRP

Up to 60% faster installation

POWER FRAME

IQ Futura fitting for
Extra chamber strength

IQ QUATTRO

4-way, 4-way XL, 6-way or 9-way

IQ HYBRID COVER

It can come in either composite or ductile iron versions



DIMENSIONS.



Standard sizes shown. Custom dimensions available.

Chamber type	Internal dimensions (mm)	External dimensions (mm)	Height per Section (mm)	Load capacity
450 x 450	450 x 450	570 x 570	150	40T
600 x 450	600 x 450	720 x 570	150	40T
600 x 600	600 x 600	720 x 720	150	40T
750 x 600	750 x 600	870 x 720	150	40T
750 x 750	750 x 750	870 x 870	150	40T
900 x 600	900 x 600	1020 x 720	150	40T
900 x 900	900 x 900	1020 x 1020	150	40T
900 x 450	900 x 450	1020 x 570	150	40T
1200 x 600	1200 x 600	1320 x 720	150	40T
1200 x 1200	1200 x 1200	1320 x 1320	150	40T
1200 x 900	1200 x 900	1320 x 1020	150	40T
1500 x 1500	1500 x 1500	1620 x 1620	150	40T
1800 x 1800	1800 x 1800	1920 x 1920	150	40T

APPLICATIONS AND USE AREAS.



Energy Infrastructure



Digital Infrastructure



Critical Infrastructure



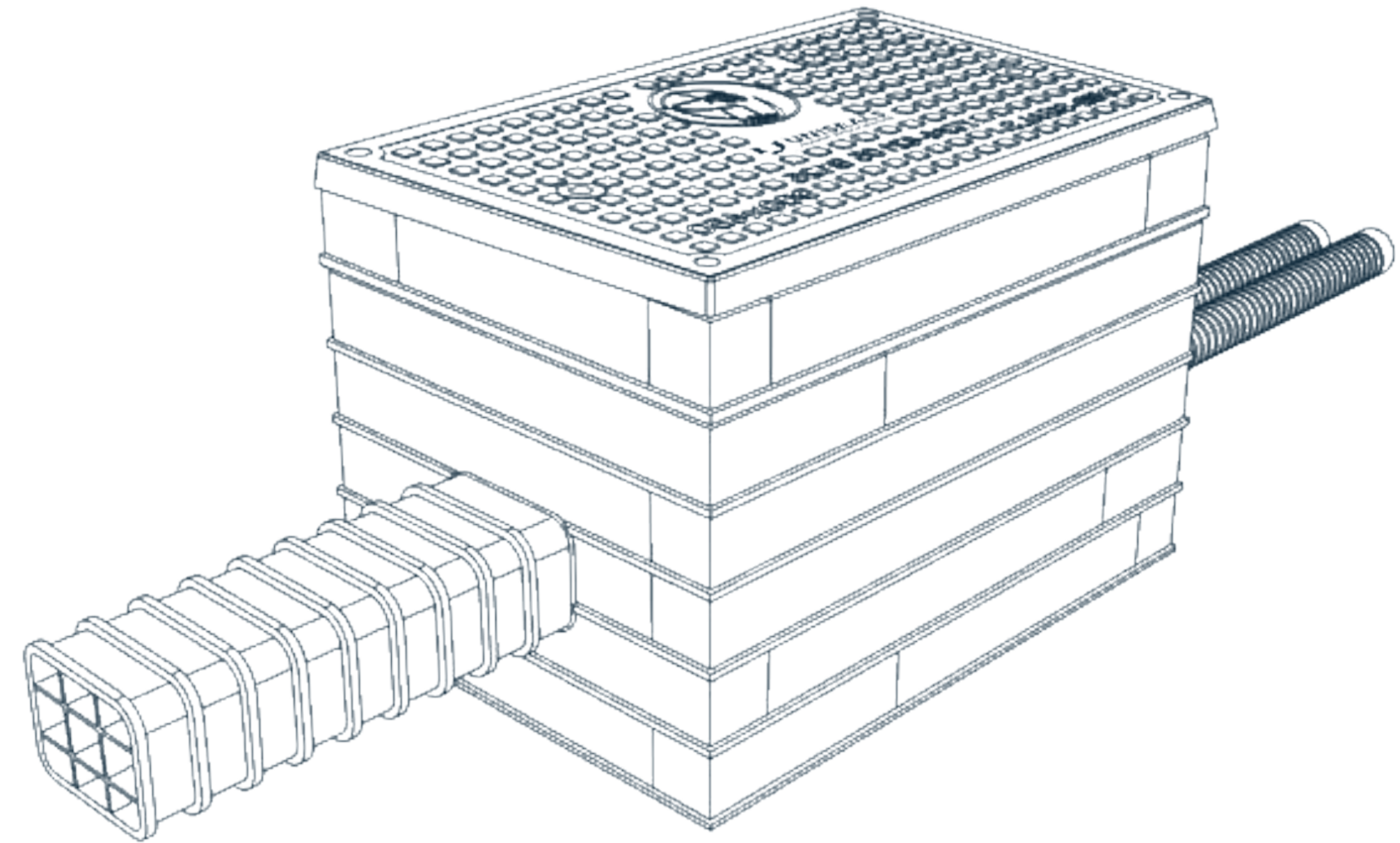
Rail Infrastructure

Built for environments where performance is non-negotiable:

- **Novo Nordisk**
- **Meta Data Centres**
- **Femern**
- **Danish Defence industry**



ENGINEERED. TESTED. FOR CRITICAL INFRASTRUCTURE.



Independently tested (DTI)

EN 124 certified (D400)

Engineered and
verified by COWI

Designed to Eurocode
& rail standards



 **HYBRID COVERS**
ACCESS SOLUTIONS

SECURE ACCESS FOR CRITICAL INFRASTRUCTURE.

IQ Hybrid Cover provides reliable access to underground infrastructure:

Available in standard and custom sizes

EN 124 / EN 1627 RC classification

Hybrid construction: ductile iron, composite, and steel

Fully compatible with IQ Futura Modular Chamber System



EXTRA SECURITY.

IQ Hybrid Security Cover is engineered for cable inspection chambers with particularly high requirements for access control and security:

- features a double-cover,
- dual locking mechanism,
- documented to be resistant to unauthorized access.



COVER

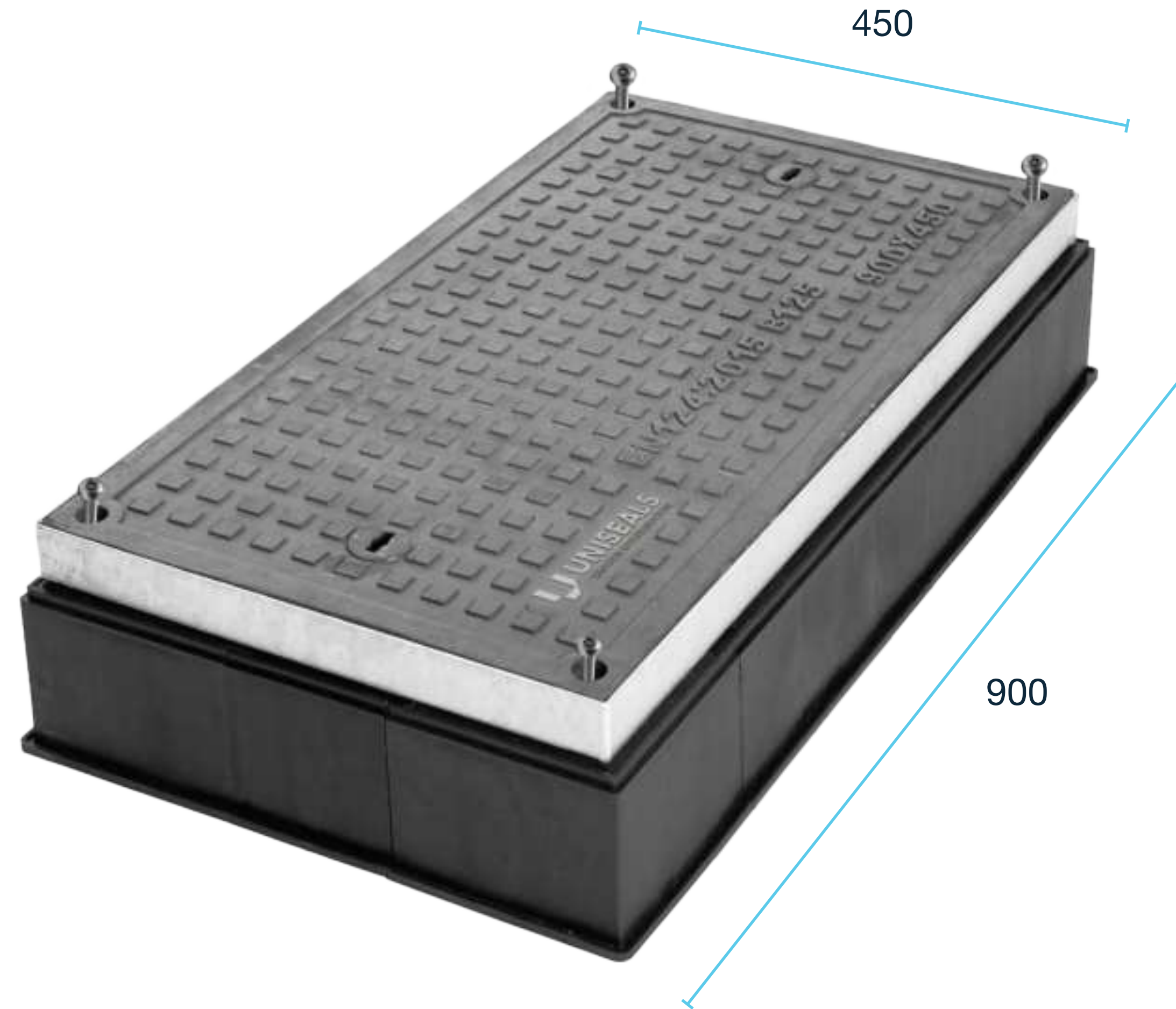
SECURITY COVER

IQ FUTURA SECTION

STANDARD SIZES.



Widths	Available Lengths (mm)
600	450, 600
900	450, 600, 900
1200	600, 1200



APPLICATIONS AND USE AREAS.



Digital Infrastructure



Critical Infrastructure

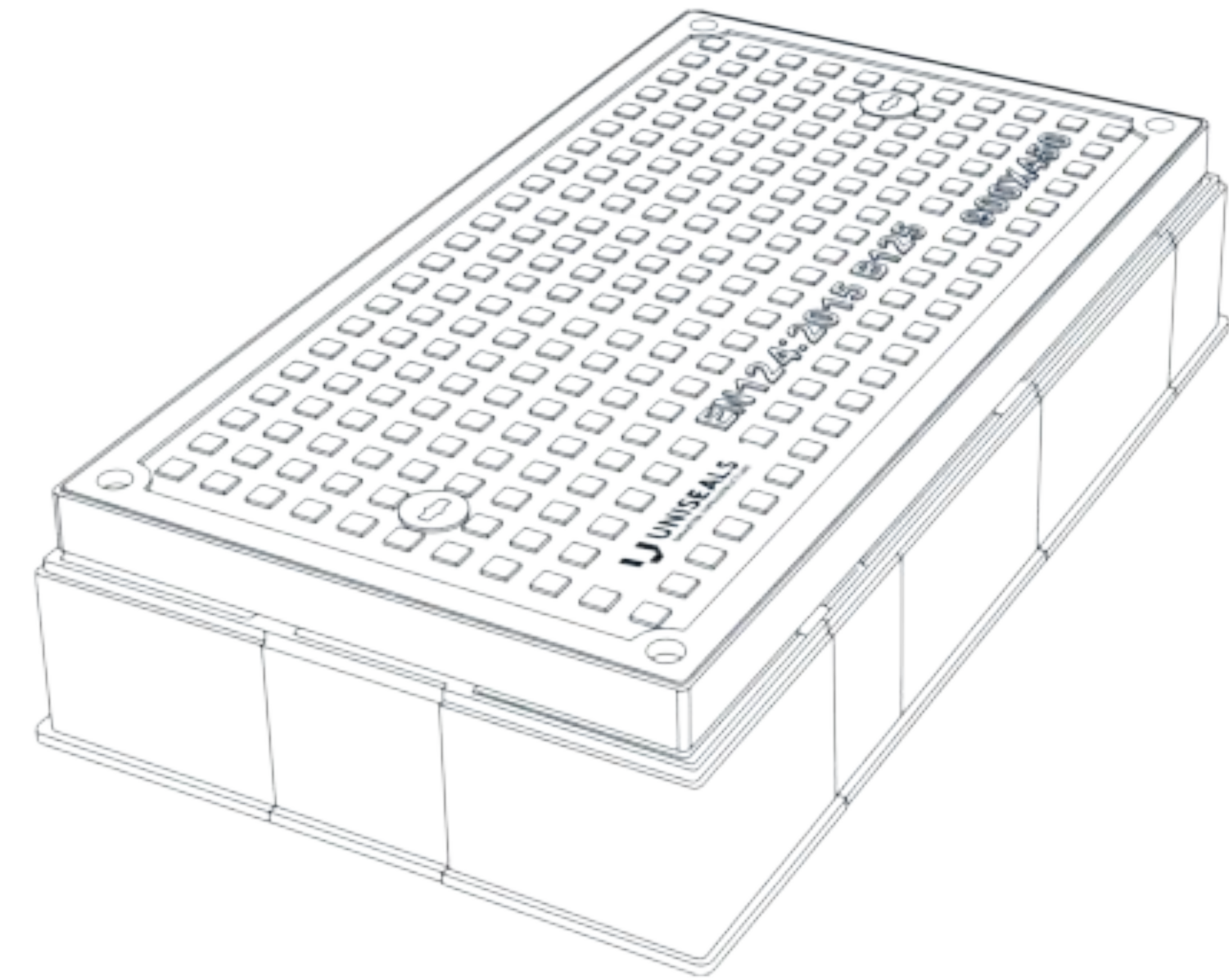


Rail Infrastructure

Protecting access to what matters most: harsh environments, critical infrastructure, data centres, transport hubs, and secure sites.



ENGINEERED. SECURE. FOR ACCESS AND PROTECTION.

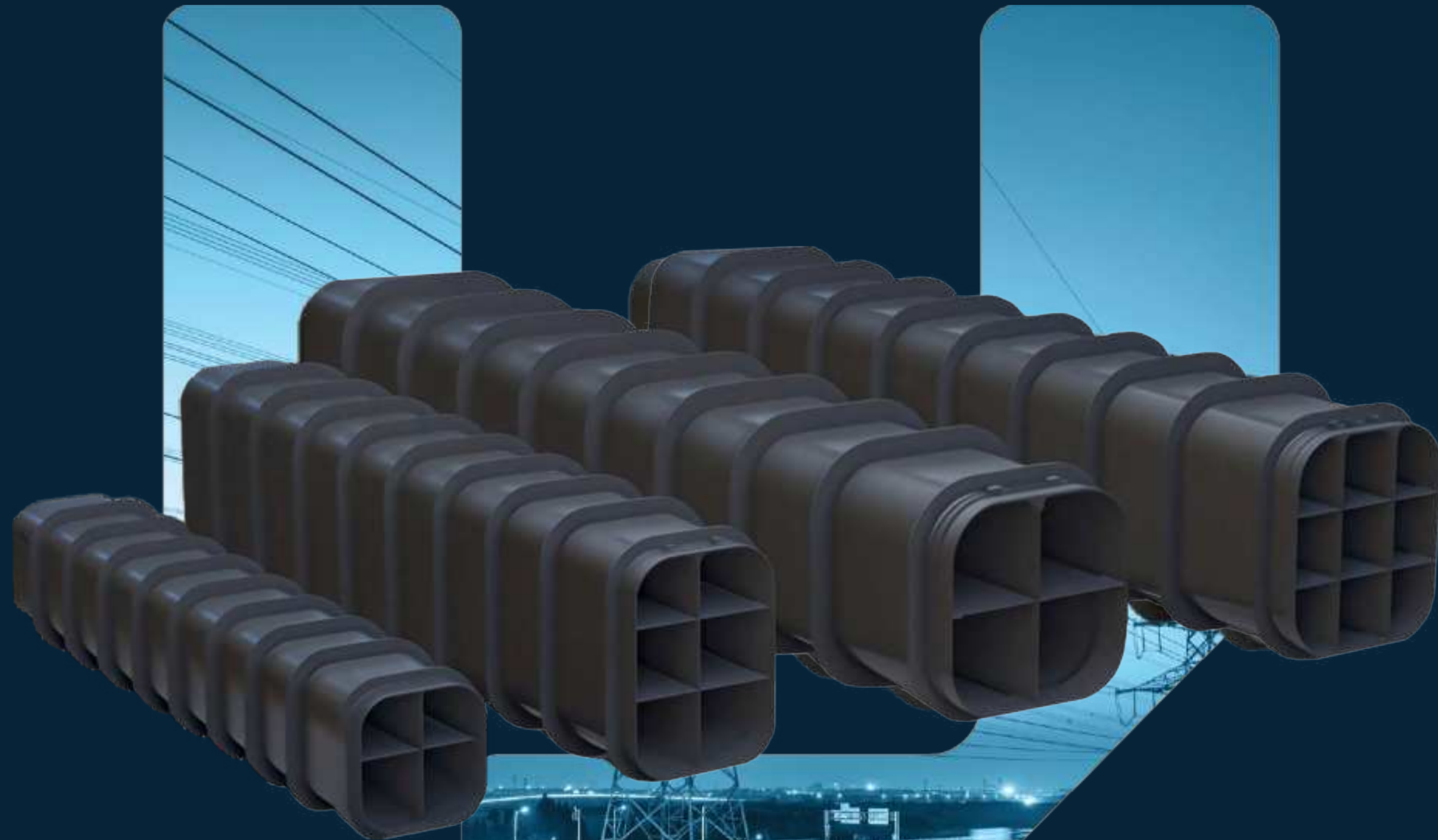


EN 124 load classes
(A15 – F900)

**Covers all traffic and
load requirements**

Security options
(EN 1627 RC)

High durability in
aggressive environments



QUATTRO
CABLE DUCT SYSTEM

SPACE-SAVING CABLE PROTECTION.



IQ Quattro is a high-strength HDPE duct system engineered for multi-cable configurations and demanding environments.

Corrosion-free durability

Up to 50% faster installation

4-, 4XL-, 6- and 9-way configurations

Push-fit assembly for quick connections



COMPLETE PROTECTION.

IQ Quattro ducts provide a versatile cable protection system for underground environments with multiple duct entry options.



VIBRATION
RESISTANT



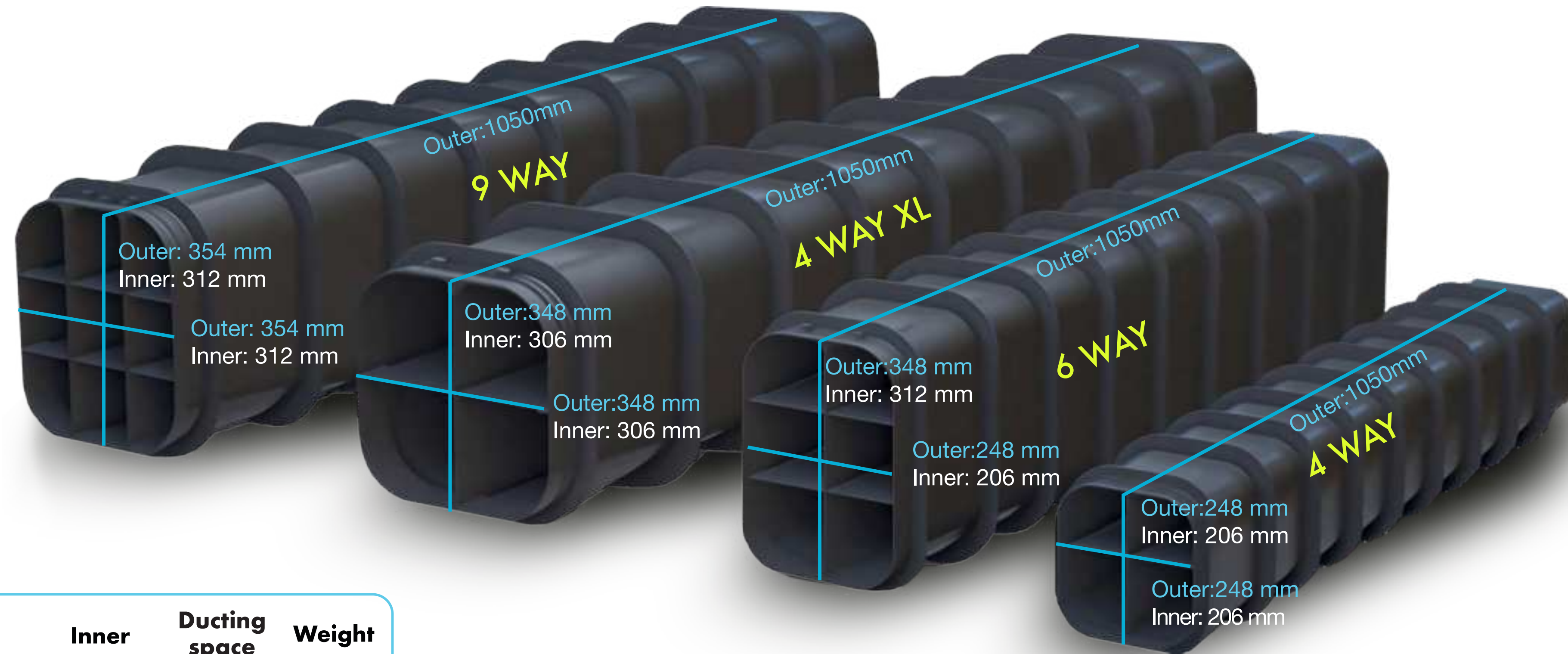
IMPACT
RESISTANT



WATER
RESISTANT



DIMENSIONS.



Article no.	Product reference	Lay length	Outer	Inner	Ducting space	Weight
202020 100	4-way	1050 mm	248 x 248 mm	206 x 206 mm	102	7.3 kg
202020 101	4-way XL	1050 mm	348 x 348 mm	306 x 306 mm	150	16.5 kg
202020 102	6-way	1050 mm	248 x 348 mm	206 x 312 mm	102	11 kg
202020 103	9-way	1050 mm	354 x 354 mm	312 x 312 mm	102	17.7 kg

APPLICATIONS AND USE AREAS.



Energy Infrastructure



Digital Infrastructure



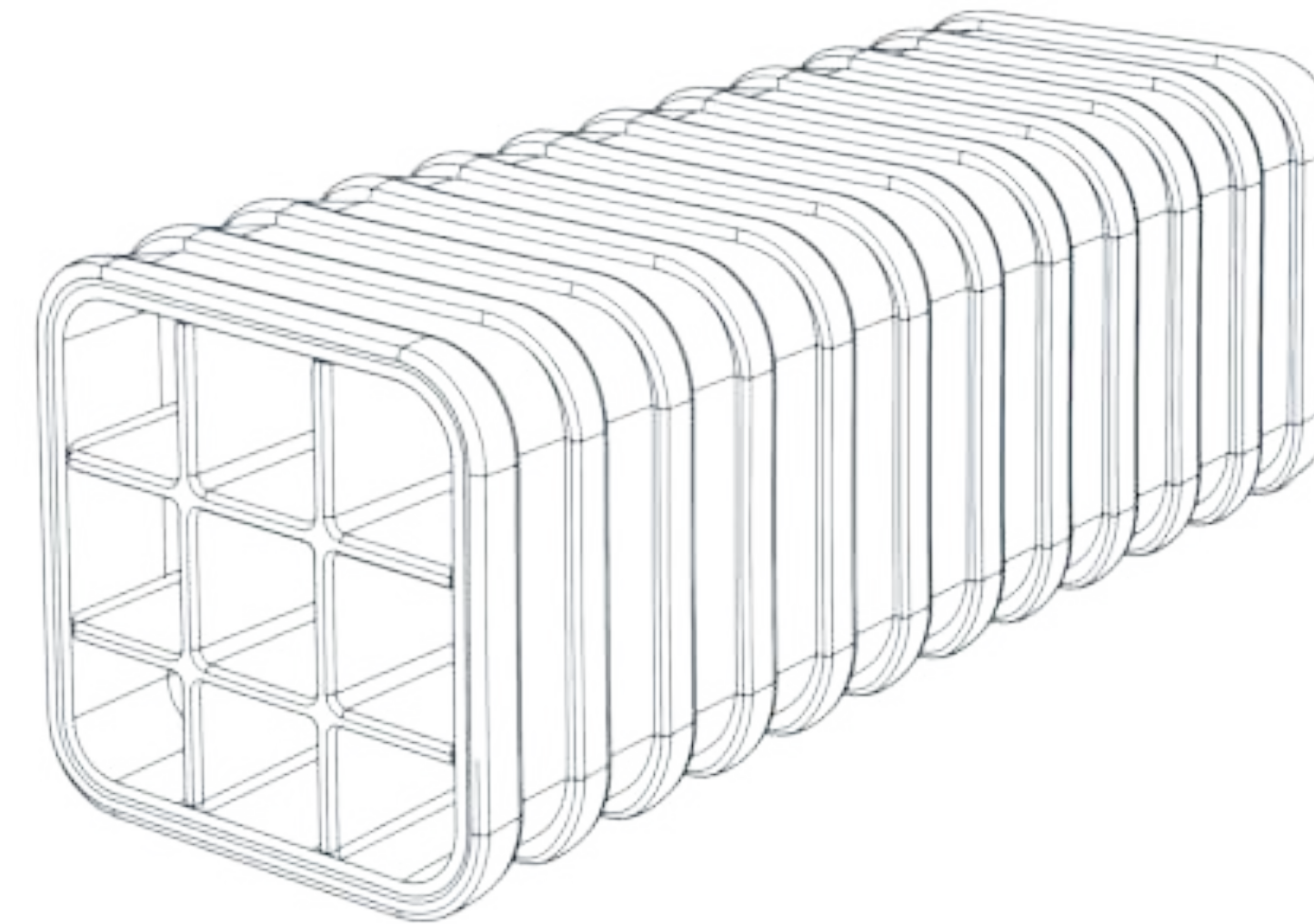
Rail Infrastructure

Engineered for Europe's most demanding infrastructure, rail, telecom, and large-scale infrastructure across Europe:

- **Copenhagen Light Rail**
- **HS2**
- **Rail Baltic**
- **St. Andrews**



TESTED. FLEXIBLE. FOR UNDERGROUND PERFORMANCE.

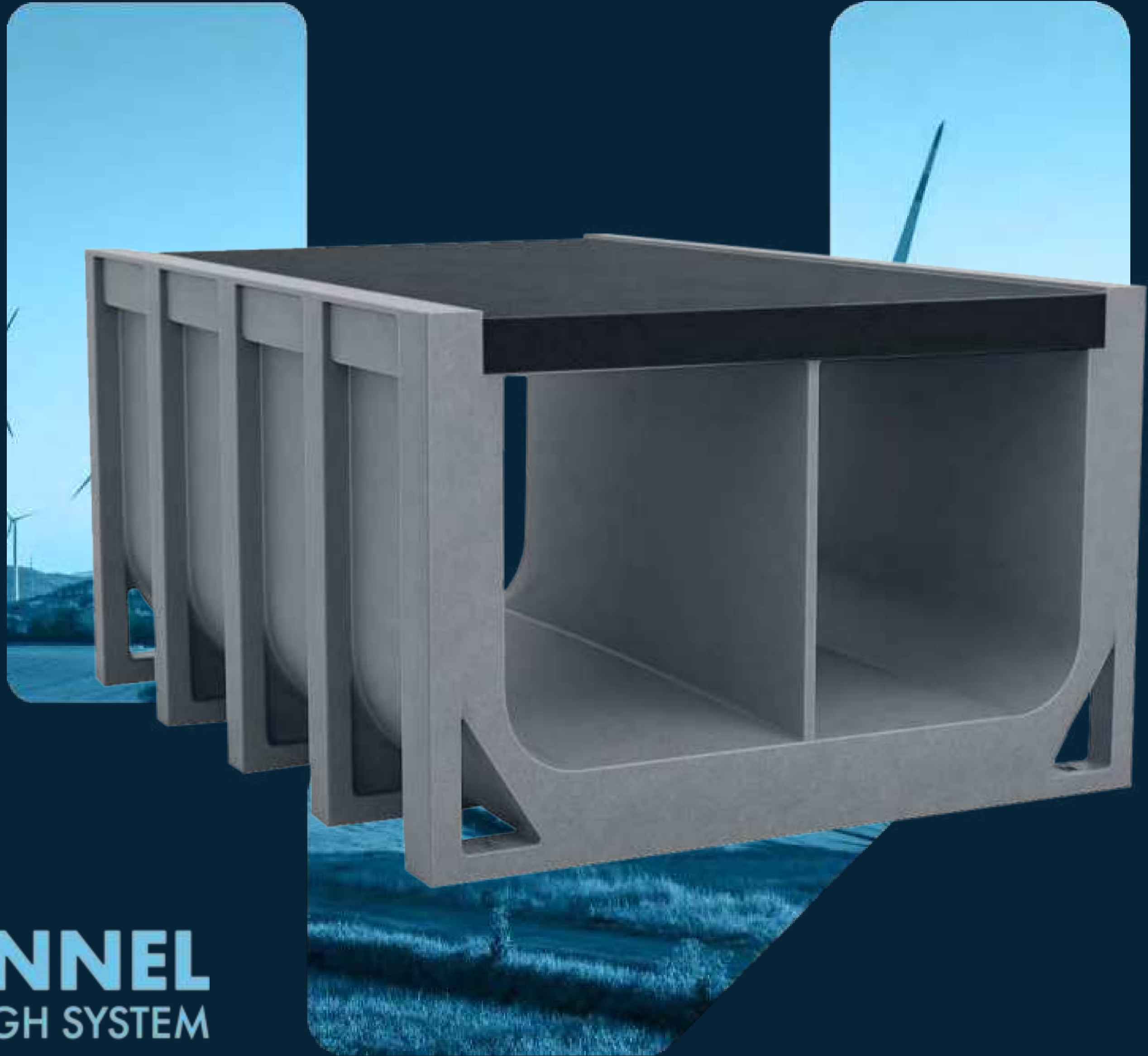


Independently tested
(DTI & accredited lab)

Verified strength
up to 86 kN

EN 124 compliant

ISO 9001 production
standard



U-CHANNEL
CABLE THROUGH SYSTEM

SMARTER PROTECTION. FOR VALUABLE INFRASTRUCTURE.

IQ U-Channel is a lightweight GRP-based alternative to concrete – up to 95% lighter while delivering the same proven strength.

Up to 75% fewer transports

50% lower CO₂ footprint

Long service life with minimal maintenance

Manual installation – no heavy equipment needed



STRONG AND EFFICIENT.



High strength-to-weight ratio, won't crack or chip like concrete

Load class according to EN standards (EN1433–EN124)

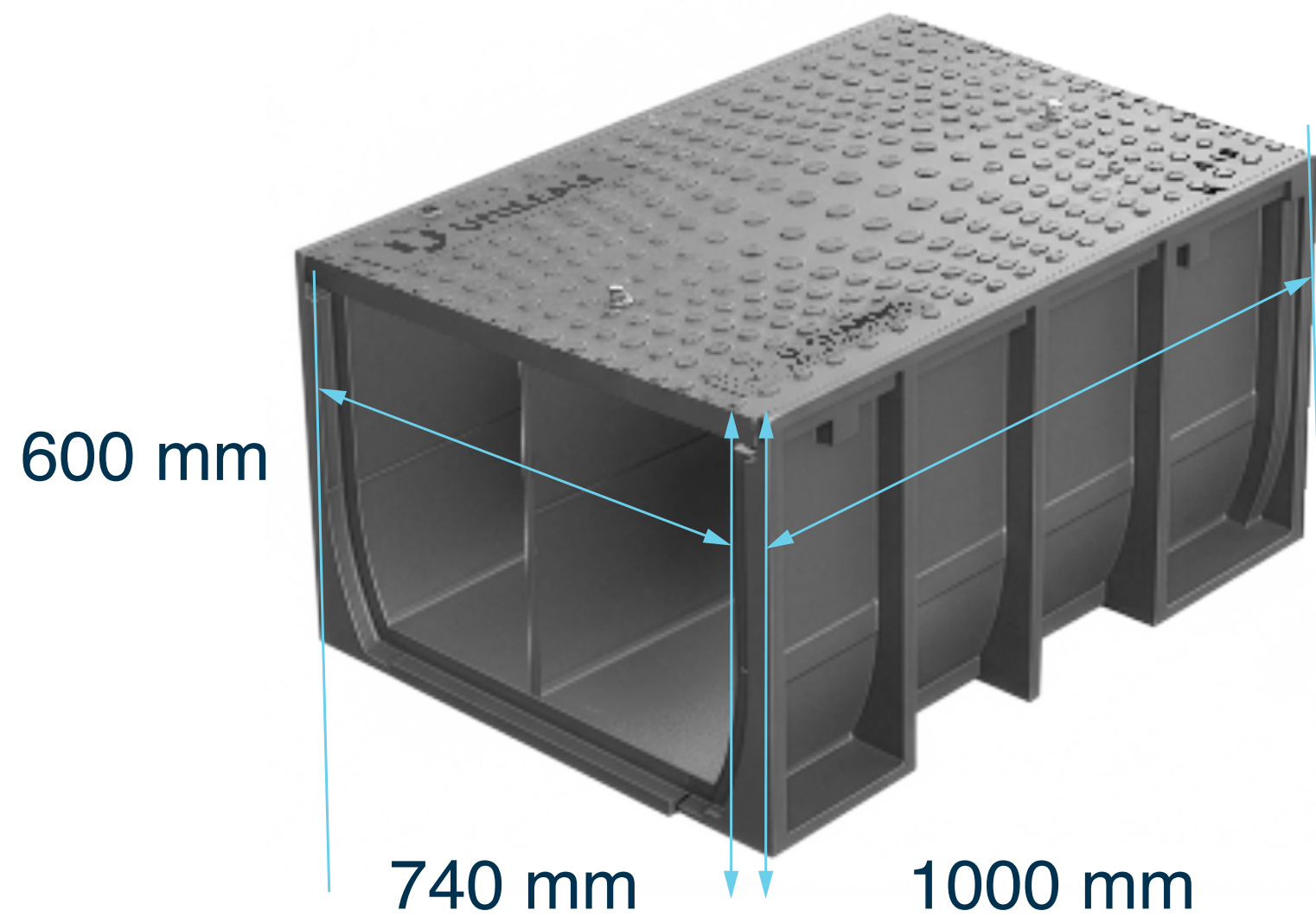
Covers can be delivered in custom colours

Covers available in load classes from **1.5 tons to 40 tons**

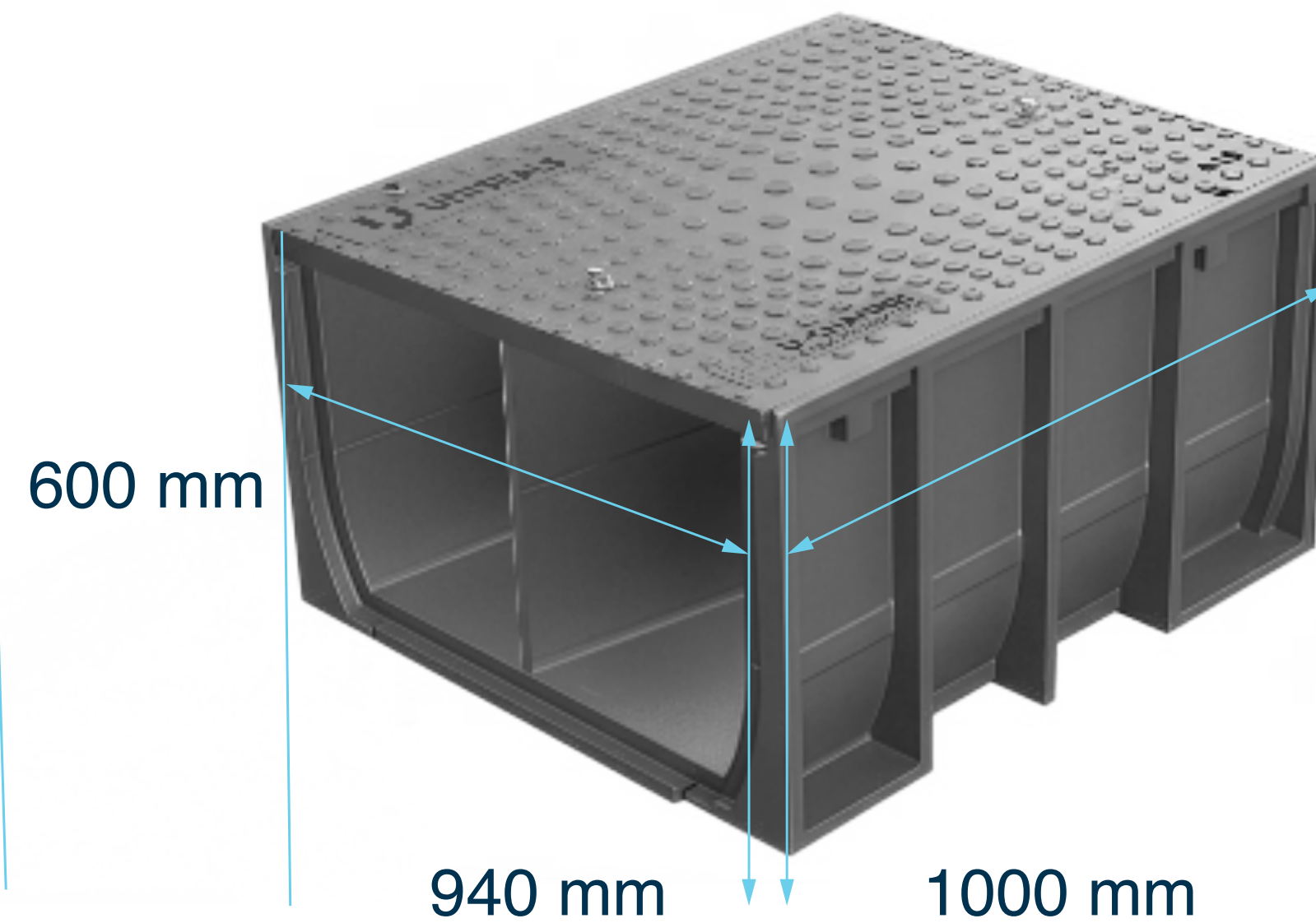


The divider inside the U-Channel can be added or removed as necessary.

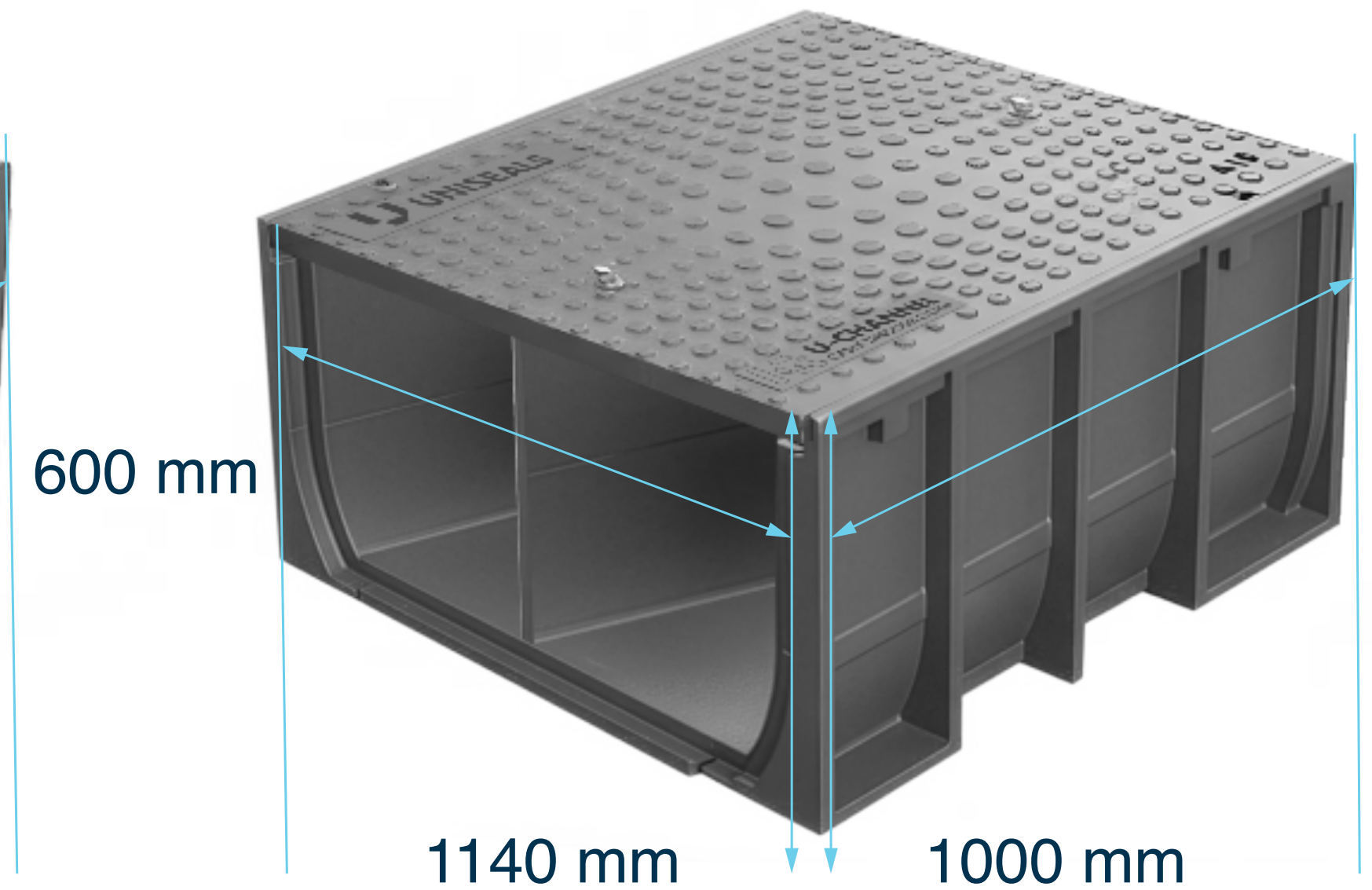
DIMENSIONS.



STANDARD SIZE 31 kg



55 kg



86 kg

Available in large sizes for demanding industrial projects.

APPLICATIONS AND USE AREAS.

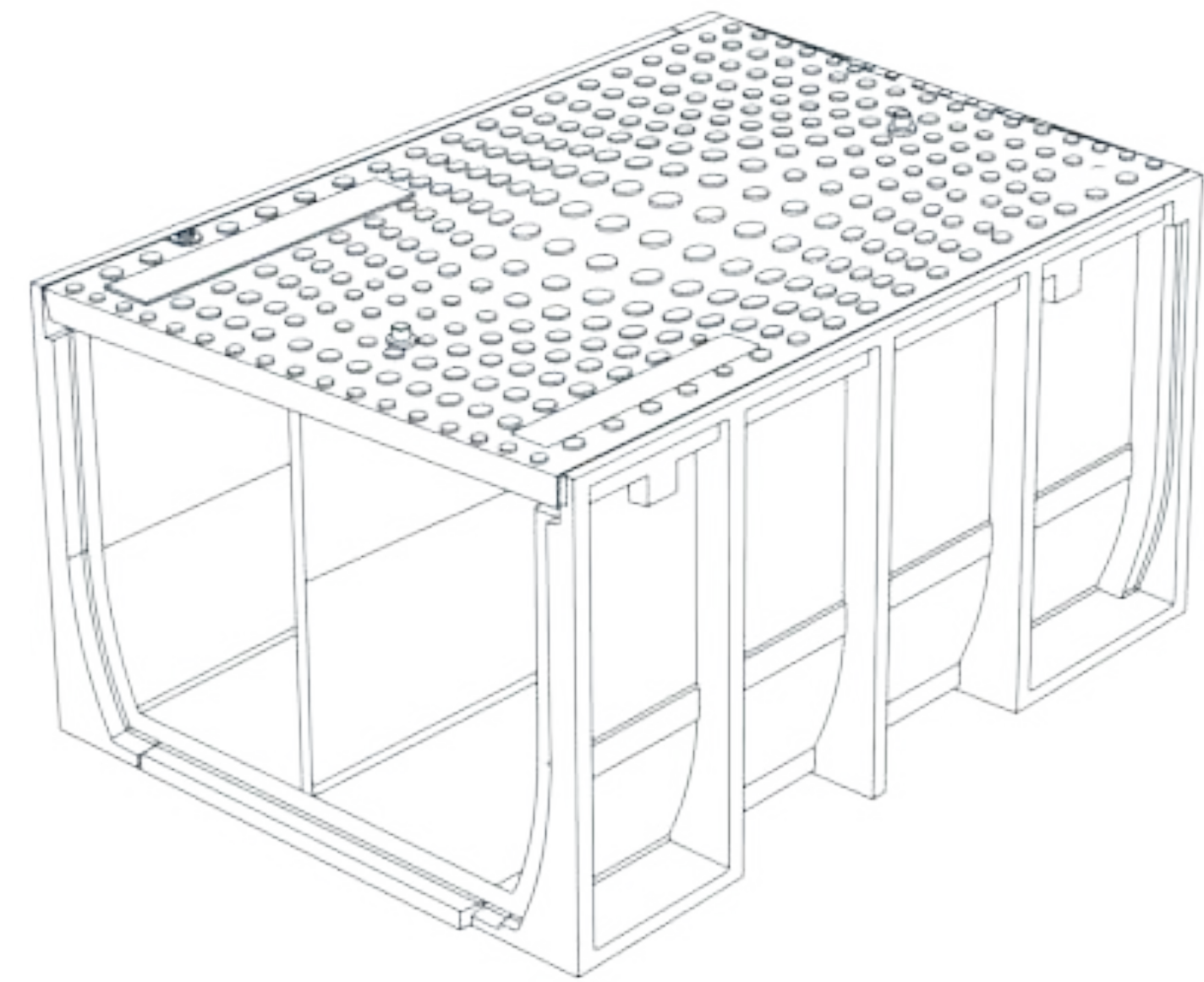


Digital Infrastructure

Redefining heavy-duty cable infrastructure for power stations, data centres, rail, and energy transmission, industrial and high-load installations.



TESTED. LOAD-BEARING. ALTERNATIVE FOR CONCRETE.

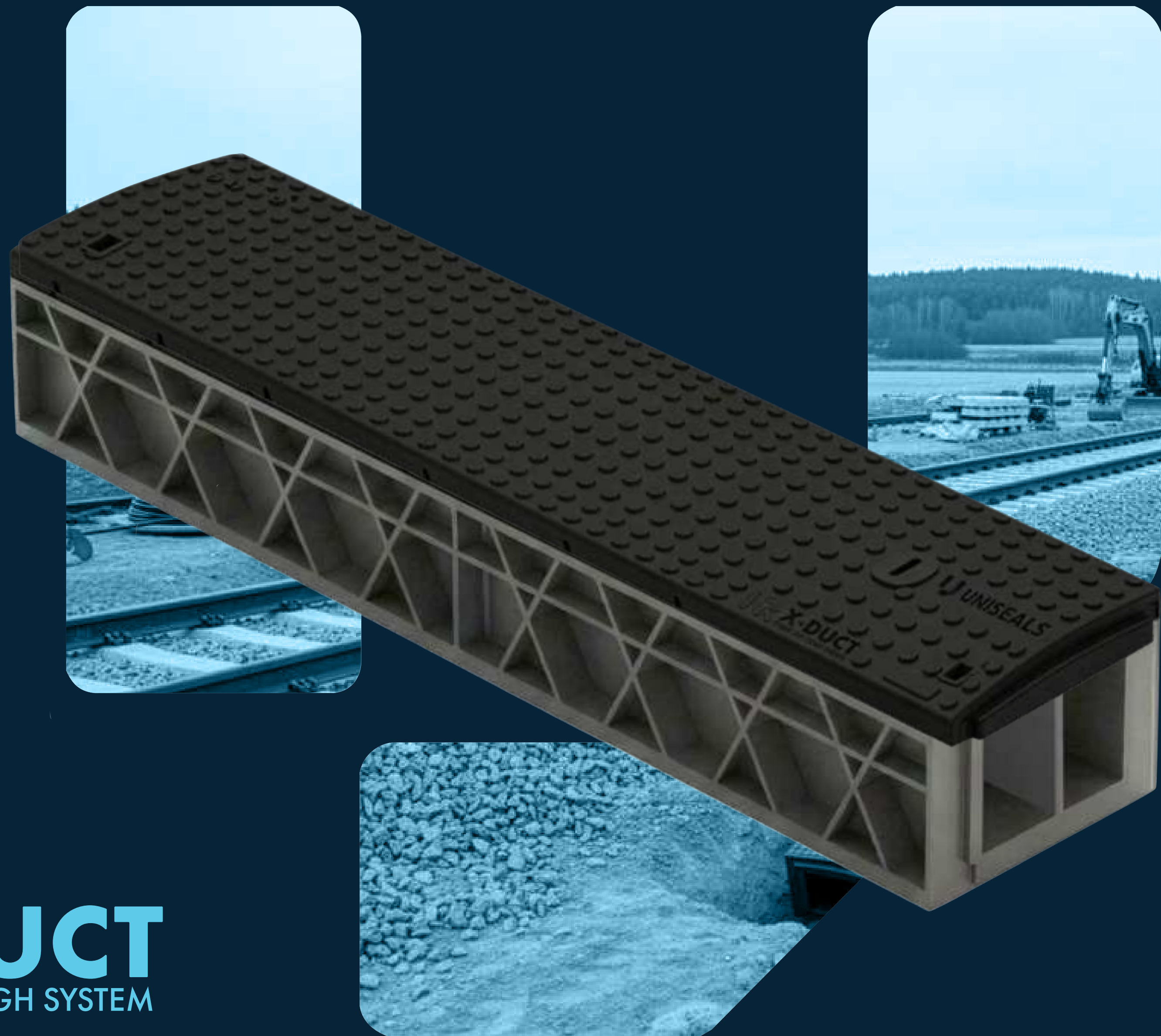


Independently tested
up to 400 kN

EN 124 & EN 1433
compliant

Load classes
A15 – D400

GRP system –
lightweight and
corrosion resistant



 **X-DUCT**
CABLE THROUGH SYSTEM

INNOVATION FOR RAILWAYS AND TUNNELS.



IQ X Duct is a lightweight, fire-retardant cable duct system designed for rail, light rail, and power infrastructure — delivering the performance of concrete at a fraction of the weight.

Lightweight for easy handling

Fire-retardant and halogen-free

Adaptable accessory system

Anti-slip walkway surface



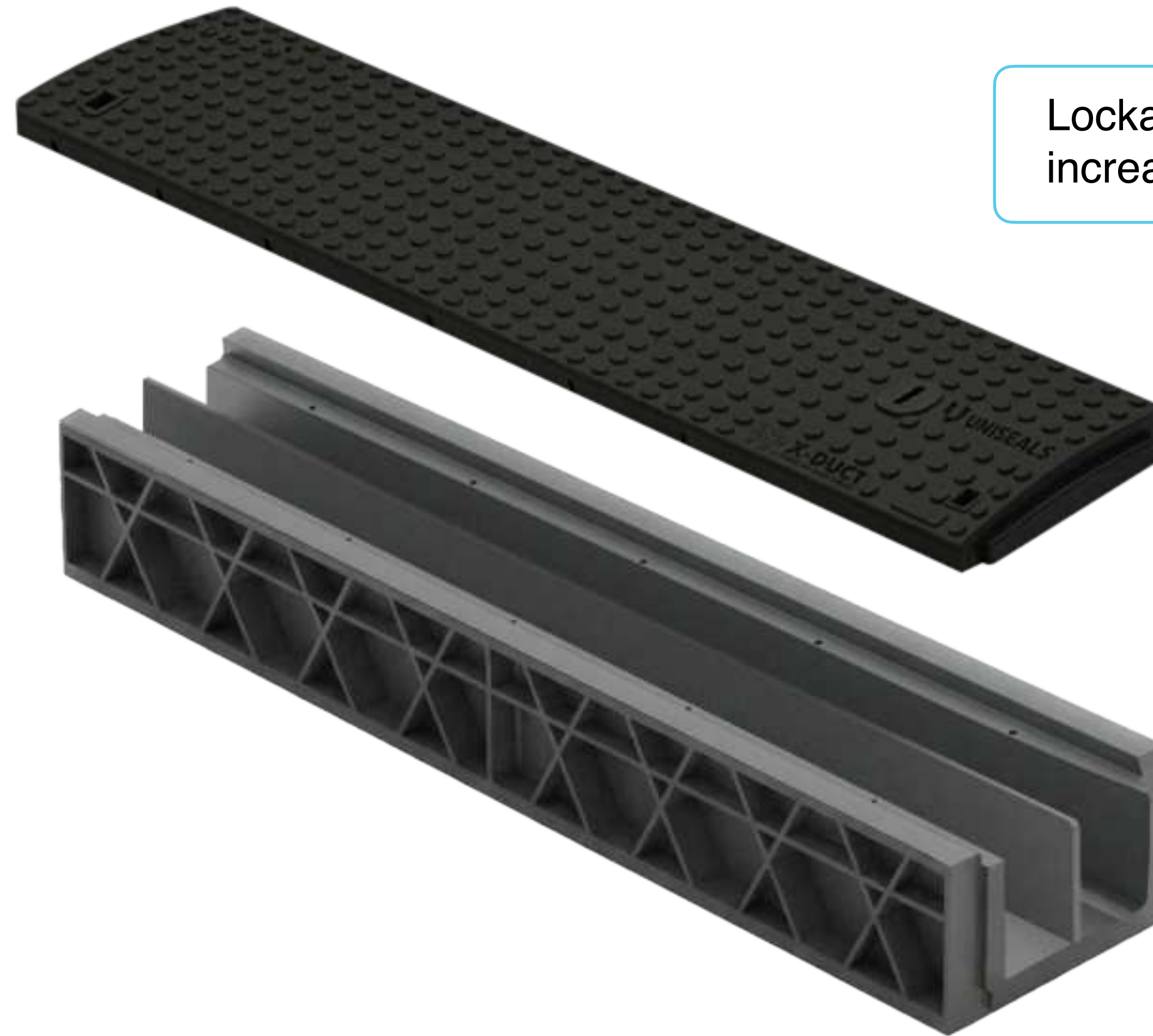
SIMPLE.
SAFE.
FLEXIBLE.

Meets the strict fire-retardancy standards required for rail tunnels and stations — **a combination of other thermoplastic duct systems can't achieve.**

Made of PE with reinforced GRP — weighs just 15 kg and offers clear health and safety advantages over traditional concrete systems.

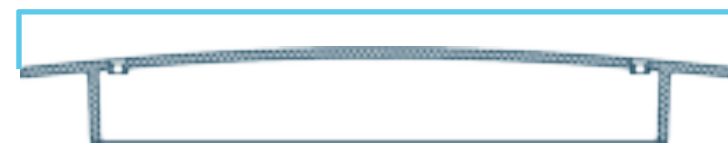


DIMENSIONS.



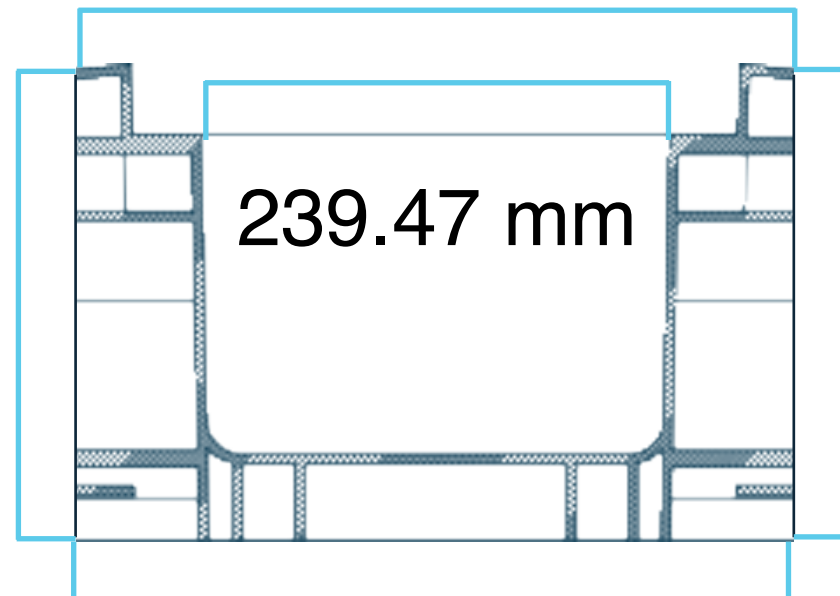
Lockable design for increased security.

298 mm



38 mm

351.17 mm



239.47 mm

191.2 mm

193.5 mm

360.09 mm

APPLICATIONS AND USE AREAS.

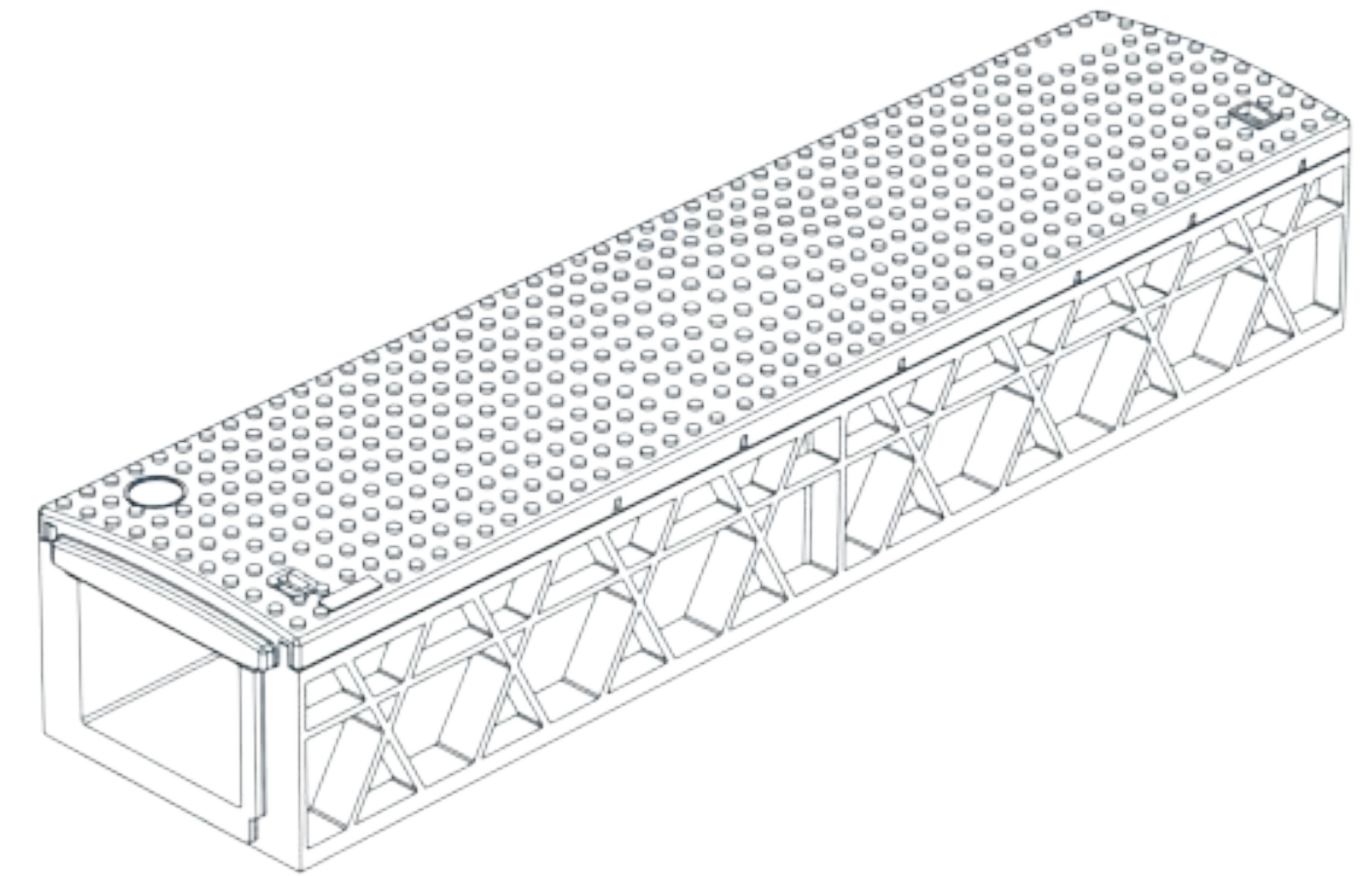


Rail Infrastructure

Precision-built for rail infrastructure, rail networks, signal systems. Standardized deployment across railway projects.



FIRE-TESTED. SURFACE-READY. BUILT FOR ACCESS.

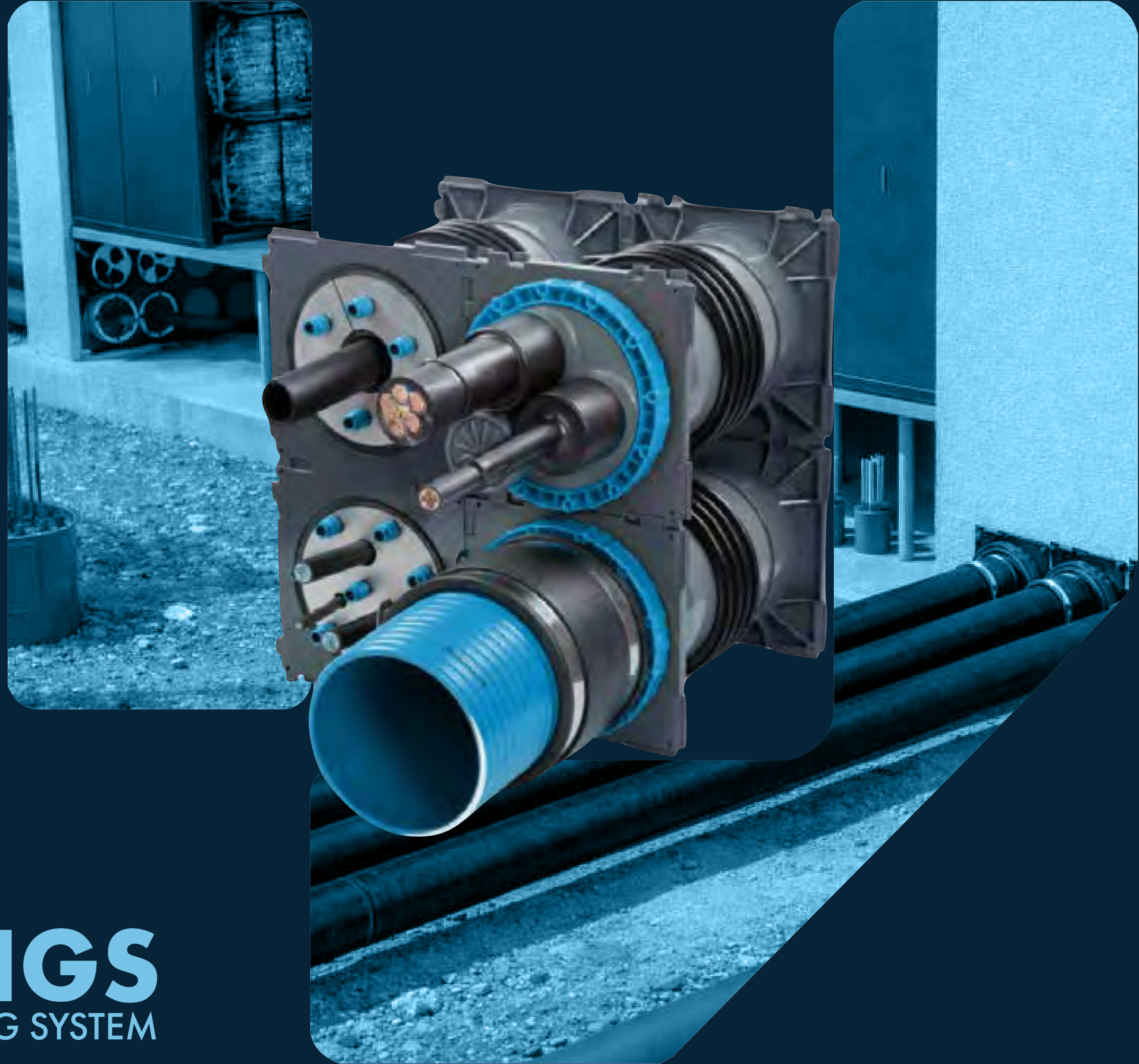


Fire-certified (DIN
53438-2 K1)

IEC 61084-1 compliant

EN 124 load classes
(configuration
dependent)

Flame-retardant and
halogen-free



 **FITTINGS**
TRANSIT SEALING SYSTEM

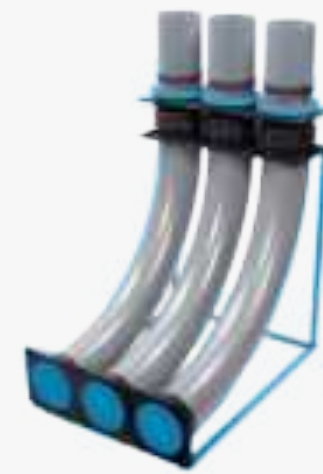
TIGHT INSTALLATION AND SEALING FOR DATA CENTRES.



Water pressure tight installation parts for concrete engineering, sealing solutions for cables, and pipes.



Cable Penetration KDS 150 double wall penetration - 45 degrees



Cable Inlet Box System KDS 1



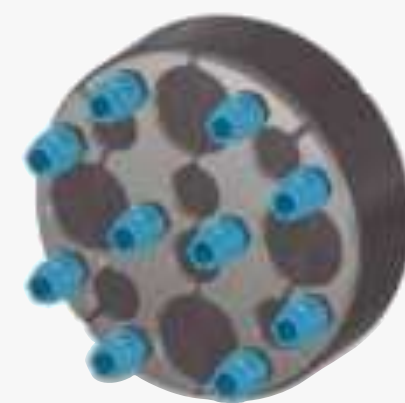
Flexible Empty Pipe System



Cable Penetration KDS 150 FL/ZA



Protrusion Flange FDS 150



Sealing Insert Universal Multiple - split



System Cover KDS 150 - heat-shrink technology



Swan Neck



Cable Penetration KDS

APPLICATIONS AND USE AREAS.



Digital Infrastructure



**“OUR SOLUTIONS ARE BUILT
ON 20+ YEARS OF
EXPERIENCE, DANISH QUALITY,
AND CLOSE COLLABORATION
WITH THE MARKET.”**



Jeppe Dalsgaard Nielsen
Owner and Managing Director



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**BUILT FOR THE PRESENT.
ENGINEERED FOR THE FUTURE.**

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