UNISEALS
SMARTER INFRASTRUCTURE

IQ HYBRID COVER



IQ Hybrid Covers

Access Covers for Cable Inspection and Chamber Systems

Description and Application

IQ Hybrid Covers are UniSeals' range of access covers developed for cable inspection and chamber systems in underground infrastructure.
The range is designed for installations with high requirements for load capacity, durability, and compatibility – suitable for both new and existing installations.
As part of UniSeals' overall IQ Product Range, IQ Hybrid Covers are developed with a focus on documented performance, operational reliability, and long service life.

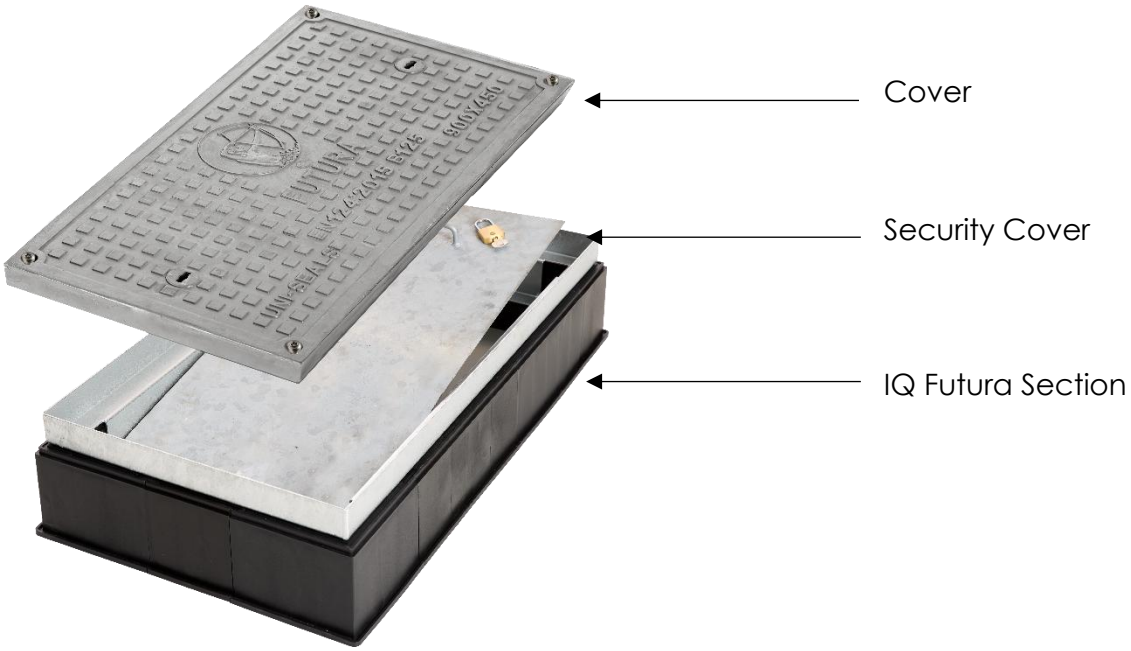
Product Range

A) IQ Hybrid Security Cover

High-security covers for cable inspection chambers

The IQ Hybrid Security Cover is developed for cable inspection chambers with particularly high requirements for access control and security.
The solution features a double-cover design with a dual locking mechanism and is documented to be resistant to unauthorized access.

- Load classes: EN 124 A15 – F900
- Security classification: EN 1627 RC (selected models)
- Applications: Critical infrastructure, data centers, transport and utility installations



B) IQ Hybrid Covers

Project-Specific Composite Covers for Cable Inspection Chambers

IQ Hybrid Covers are custom-designed composite covers developed to fit existing cable inspection and chamber systems available on the market, as well as UniSeals' own IQ Futura Modular Chamber System.

The solution is typically composed of:

- Steel frame – ensures correct load transfer and compatibility with existing chamber tops
- Composite cover – reduces weight and provides high corrosion resistance and an improved working environment

The hybrid design allows the access solution to be upgraded without replacing the cable chamber itself.

IQ Hybrid Covers are supplied in rectangular, square, and circular designs, enabling use across a wide range of chamber types, and are available in multiple sizes.
Compatibility with common cable inspection chambers is shown in the table on page 5.



Rectangular covers



Square covers



Circular covers

Material Specification

IQ Hybrid Covers are manufactured using a combination of:

- Composite materials
- Steel frames
- Selected ductile iron components, where required

The material composition ensures high structural performance, long service life, and resistance to moisture, salt, and chemicals.

Load Capacity and Classes

IQ Hybrid Covers are supplied in load classes in accordance with EN 124:

- A15 – pedestrian areas
- B125 – light traffic
- C250 – curbside areas
- D400 – roadways and heavy traffic
- E600 / F900 – industrial and heavily loaded areas (project-specific)

The load class is determined in relation to the cable chamber type, frame configuration, and installation conditions.

Typical Applications

- Telecommunications and fiber infrastructure
- Energy and utility networks
- Roads and traffic areas
- Urban environments and industrial installations

Technical Specifications – IQ Hybrid Covers

Parameter	IQ Hybrid Covers	Description / Comment
Materials	Composite, steel frame, ductile iron (selected)	Materials combined according to load requirements and cable chamber type
Design	Hybrid construction	Steel frame for load transfer combined with composite cover
Load Classes	EN 124 A15 – F900	Selection depends on installation and traffic load
Security (Security Cover)	Double cover and dual locking mechanism	Enhanced protection against unauthorized access
Dimensions	Standard and project-specific sizes	Adapted to existing cable inspection and chamber systems
Compatibility	Market-standard cable inspection chambers + IQ Futura	Suitable for retrofit and new installations
Surface	Anti-slip, with optional coating	Adapted to installation environment
Corrosion Resistance	High	Suitable for moist and aggressive environments
Installation	Direct mounting on existing cable chamber	No chamber replacement required
Maintenance	Minimal	Long service life and low total cost of ownership (TCO)
Certifications	EN 124, EN 1627 RC (Security)	Comply with applicable European standards

Standard Size Overview – IQ Hybrid Covers

The table shows the standard sizes of IQ Hybrid Covers that fit our IQ Futura Modular cable chambers.

Available in standard load classes A15, B125 & D400. Please contact us if you require C250, E600, or F900

UniSeals	Standard sizes
IQ Futura	• 450x450 • 600x450 • 600x600 • 750x600 • 750x750 • 900x450 • 900x600 • 900x900 • 915x445 • 1000x1000 • 1150x675 • 1200x600 • 1200x750 • 1200x900 • 1200x1200 • 1275x825 • 1310x610 • 1500x1000 • 1500x1500 • 1800x1800 • 2050x2050

Compatibility

The table below shows which cable inspection chambers on the market are compatible with IQ Hybrid Covers.

Company	*Sizes*
Langmatz	• EK 338 – LW 550 × 1165 mm – D400 • EK 378 – LW 400 × 800 mm – D400 • EK 428 – LW 800 × 1400 mm – D400 • EK 508 – LW 800 × 1165 mm – D400
Romold	**ROM-BOX** • 400 × 400 × 760 • 400 × 900 × 1060 • 400 × 1150 × 1160 • 570 × 920 × 760 • 570 × 1420 × 1160 • 750 × 750 × 960 • 750 × 1150 × 1160 • 750 × 1550 × 1160 **ROMOLD KS – Circular Cable Chambers** • Ø625 • Ø800 • Ø1000 *(All with Ø625 mm top opening)*
Cubis **STAKKABOX / FORTRESS**	• 915 × 445 • 1310 × 610
Cubis **STAKKABOX / ULTIMA**	• 600 × 600 • 900 × 600 • 900 × 900 • 1200 × 600 • 1200 × 1200
Concrete Cable Inspection Chambers – Norway (BASAL)	• TK1 – 720 × 700 • TK2 – 1420 × 700 • TK3 – 2100 × 700 IQ Hybrid Covers enable functional upgrading of existing concrete cable inspection chambers without replacing the chamber structure itself.
Integration with IQ Systems	• Fully compatible with the IQ Futura Modular Chamber System • Suitable for both new and existing installations • Project-specific customization of frame, cover, and load class

CONTACT US OR VISIT
WWW.UNISEALSIQ.COM FOR
DETAILED UNISEALS
IQ PRODUCT INFORMATION
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