



## CABLE INFRASTRUCTURE SOLUTIONS FOR URBAN AREAS





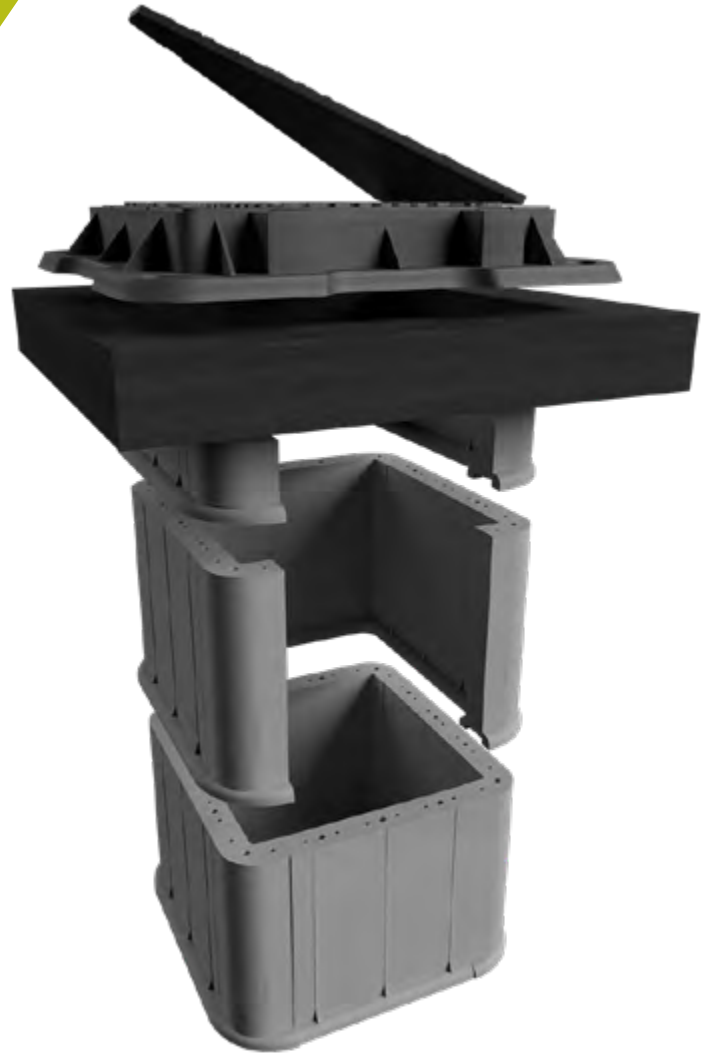
# Radbox

## CABLE CONNECTION CHAMBER

A modular chamber system consisting of connected panel elements where any chamber size can be created. There are 5 different panel sizes available. The double wall provides excellent mechanical protection and impact resistance. No heavy equipment is required during construction. The construction of the chamber walls ensures easy and convenient creation and sealing of cable entries. The available panel heights allow you to create the required chamber height (*Note: It should be noted that when interconnecting the panels, their height is reduced by 30 mm*).

### Application:

- Cable infrastructure systems.
- Chambers provide easy access to empty perspective utility pipes, no need for excavation works in case of new consumption capacity.
- Easy access to the cables infrastructure system of communication cables and easy installation of additional cables, easy replacement of damaged cables. The chamber system ensures the lowest possible system maintenance and repair costs during operation and lifetime.
- For connecting cables, repairs, creating new connections, connecting new users.
- Perfect for construction in places with existing cable lines.
- Ideal solution for non-standard size projects.



Simple construction



Wide range of applications



Easy access to cables



# Radbox

## CABLE CONNECTION CHAMBER

### Steps

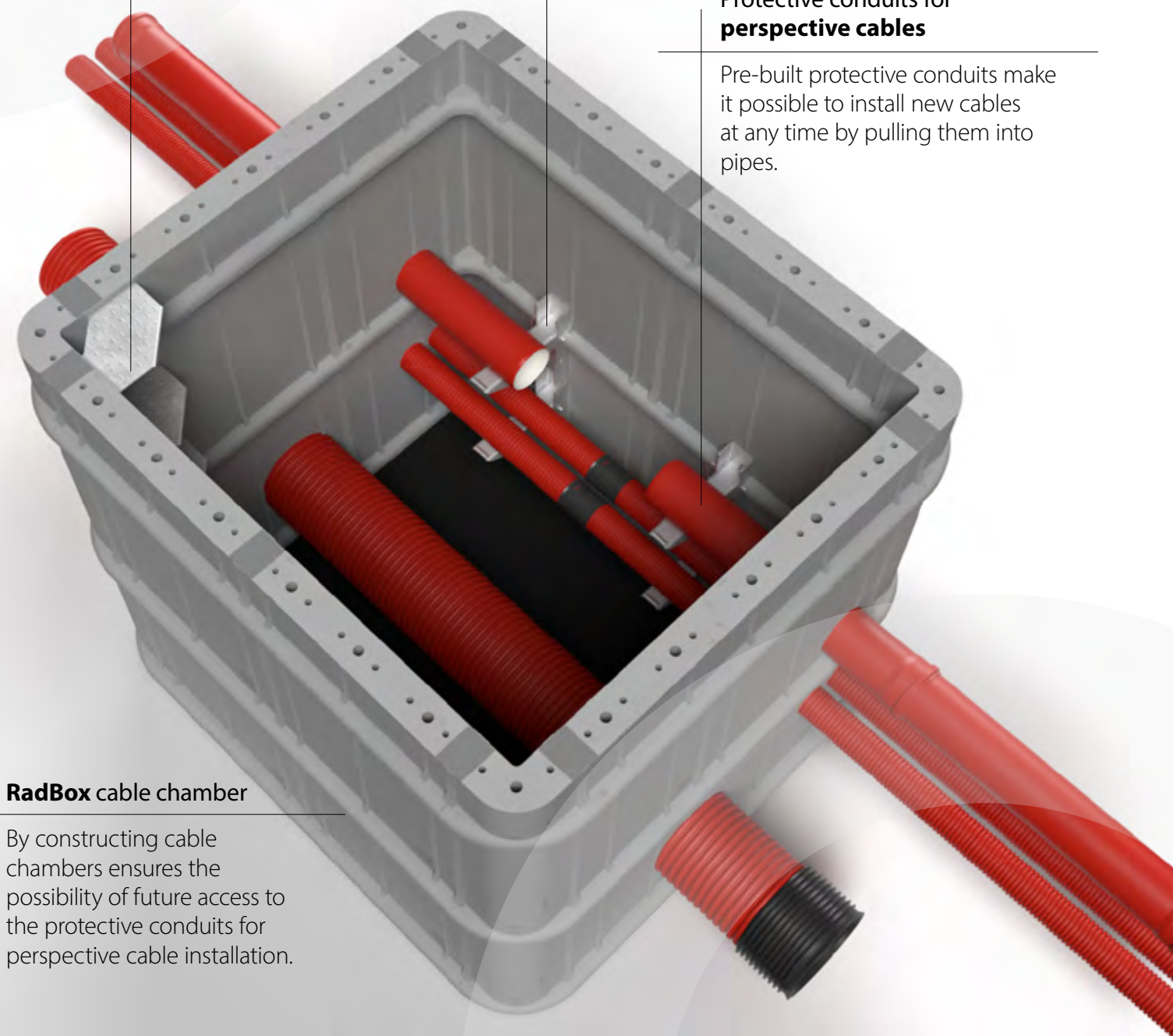
Separately installed steps ensure convenient and safe access to cables.

### Cabel bearer

Cable bearer mounted on the chamber wall provide stable support for connections.

### Protective conduits for perspective cables

Pre-built protective conduits make it possible to install new cables at any time by pulling them into pipes.



### RadBox cable chamber

By constructing cable chambers ensures the possibility of future access to the protective conduits for perspective cable installation.



# Radbox

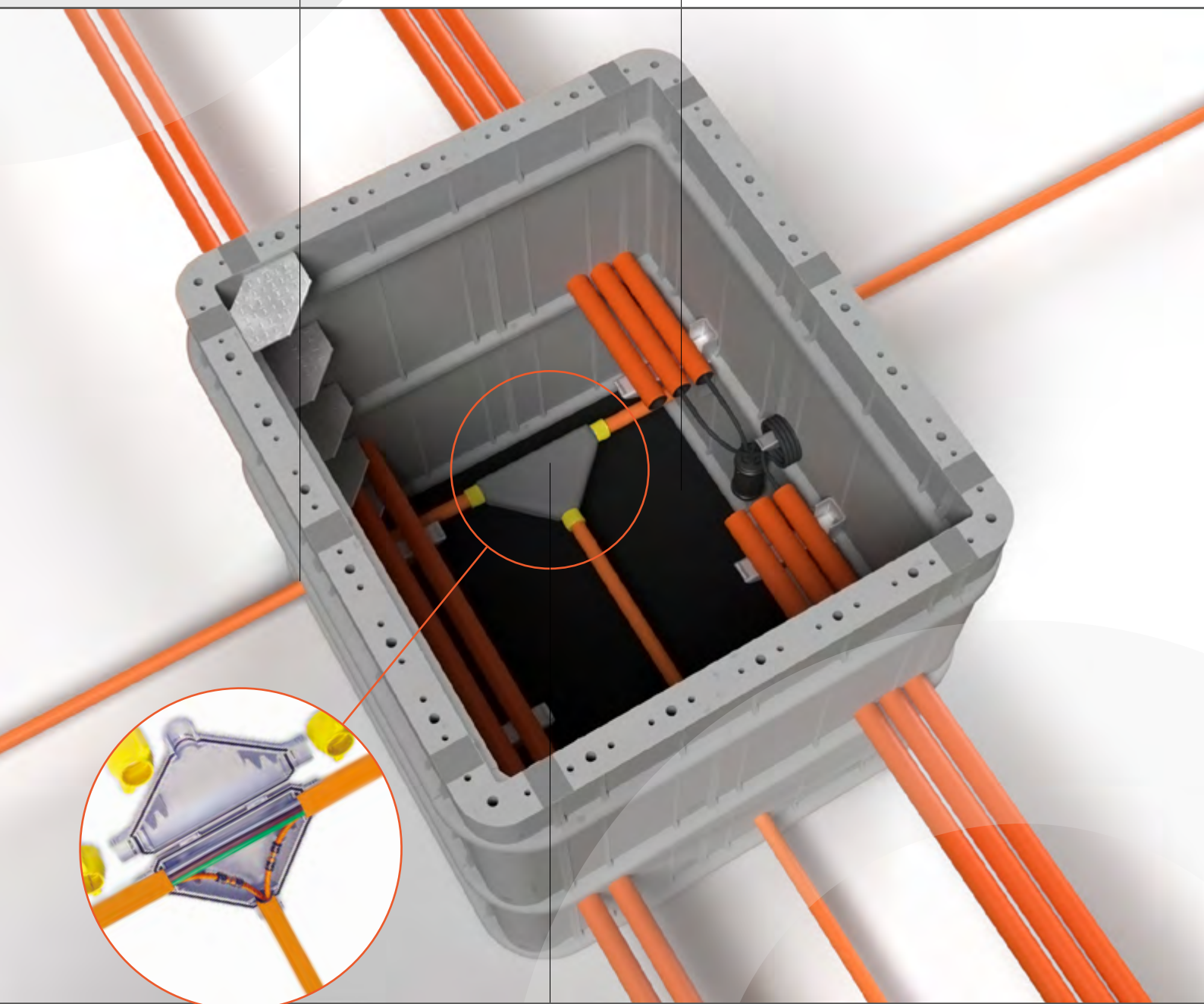
## CABLE CONNECTION CHAMBER

### Connections

Connections are easy to install by using a hole saw.

### Floor

In the standard set RadBox chamber is installed with or without a floor.



### Cable accessories

Microtube connections are easy to install and can be reused.

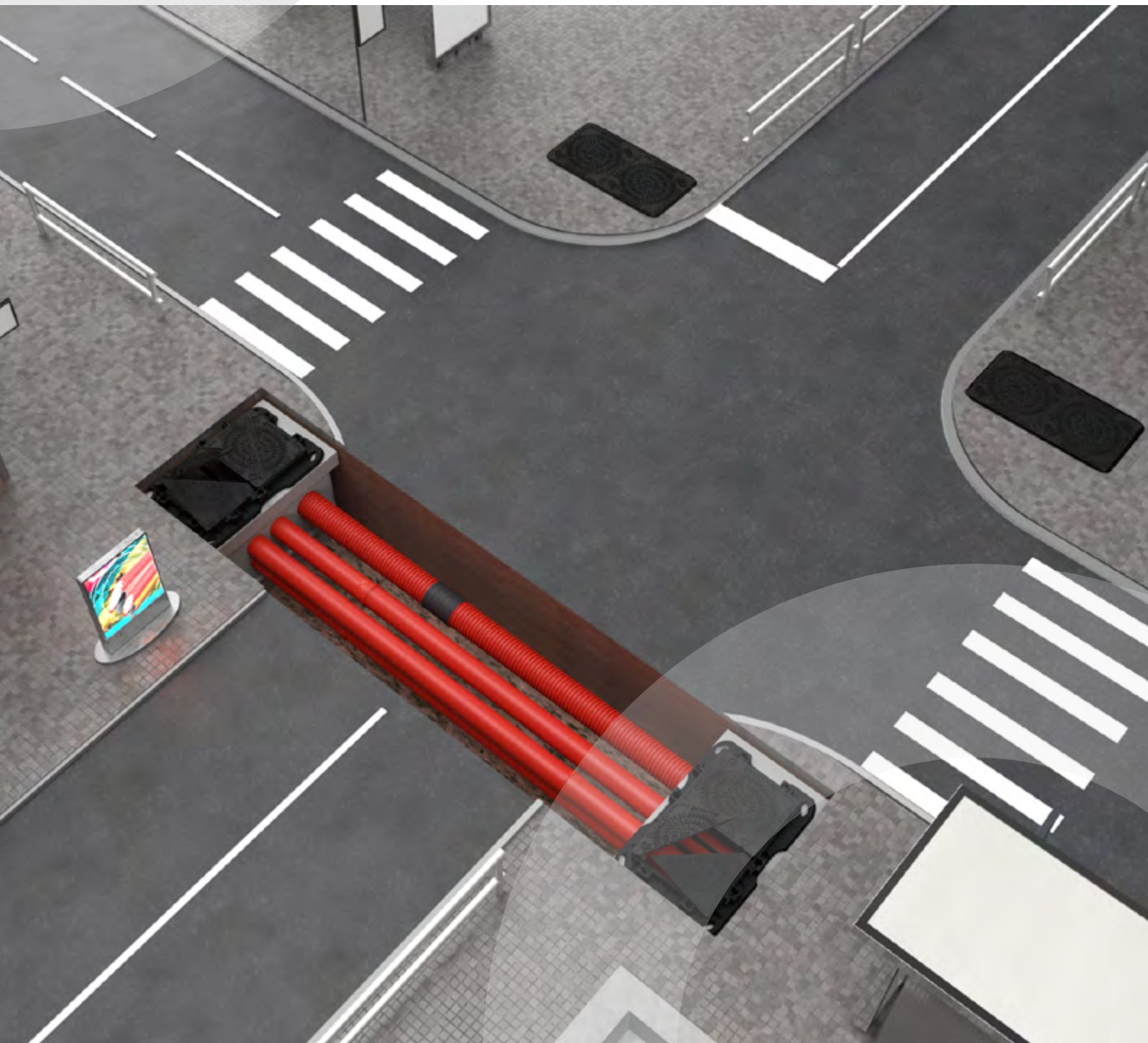




# Radbox

## **CABLE CONNECTION CHAMBER**

An ideal solution for construction in pedestrian areas and green areas. Double wall of the chamber provides excellent durability parameters. The system is perfect for places with fast-growing infrastructure. Radbox cable chamber provide an option for easy and rapid increase in cable power by pulling additional cables into the existing pipes.







# Radbox

## INSTALLATION

Interconnecting panels allow you to quickly and easily create the required chamber height on site. Immediate load capacity after assembling the chamber ensures a fast, simple and convenient construction process. Creation of duct entries is done on construction site by using a core drill. Radbox chamber must be built on the base of draining material providing water filtration. No lifting equipment is required during the construction process.





# Radbox

## STANDARD SOLUTIONS



**Radbox 450/450**

Inner dimensions: 450 x 450 mm  
Outer dimensions: 590 x 590 mm  
Wall thickness: 70 mm  
Vertical load strength: 12.5 t  
Material: polyethylene (HDPE)



**Radbox 600/600**

Inner dimensions: 600 x 600 mm  
Outer dimensions: 740 x 740 mm  
Wall thickness: 70 mm  
Vertical load strength: 40.0 t  
Material: polyethylene (HDPE)



**Radbox 975/600**

Inner dimensions: 975 x 600 mm  
Outer dimensions: 1180 x 740 mm  
Wall thickness: 70 mm  
Vertical load strength: 40.0 t  
Material: polyethylene (HDPE)

## COVERS

### CAST IRON COVERS



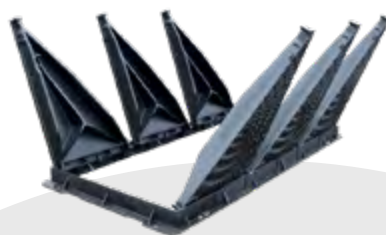
**Radbox 450/450**

Class: B125, D400



**Radbox 600/600**

Class: B125, D400



**Radbox 975/600**

Class: D400

### COMPOSITE COVERS



**Radbox 450/450**

Class: B125, D400



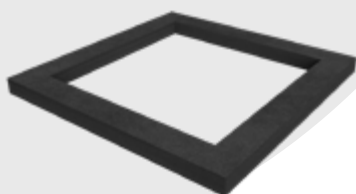
**Radbox 600/600**

Class: B125, D400



# Radbox

## SUPPORT RINGS



**Radbox 450/450**

Class: D400

Material: polymer

Height: 50 or 75 mm

Inner dimensions: 600 x 600 mm

Outer dimensions: 770 x 770 mm



**Radbox 600/600**

Class: D400

Material: reinforced concrete

Height: 150 mm

Inner dimensions: 760 x 760 mm

Outer dimensions: 1000 x 1030 mm



**Radbox 975/600**

Class: D400

Material: reinforced concrete

Height: 150 mm

Inner dimensions: 1180 x 760 mm

Outer dimensions: 1400 x 1000 mm

## ACCESSORIES

### STEPS



Size: 150 mm

Material: galvanized steel

### CABEL BEARER



Length, mm

115

165

242

343

495

648

### WALL BRACKET



Length, mm

Hole positions

178

1

278

2

508

5

813

9

1270

15

1575

19

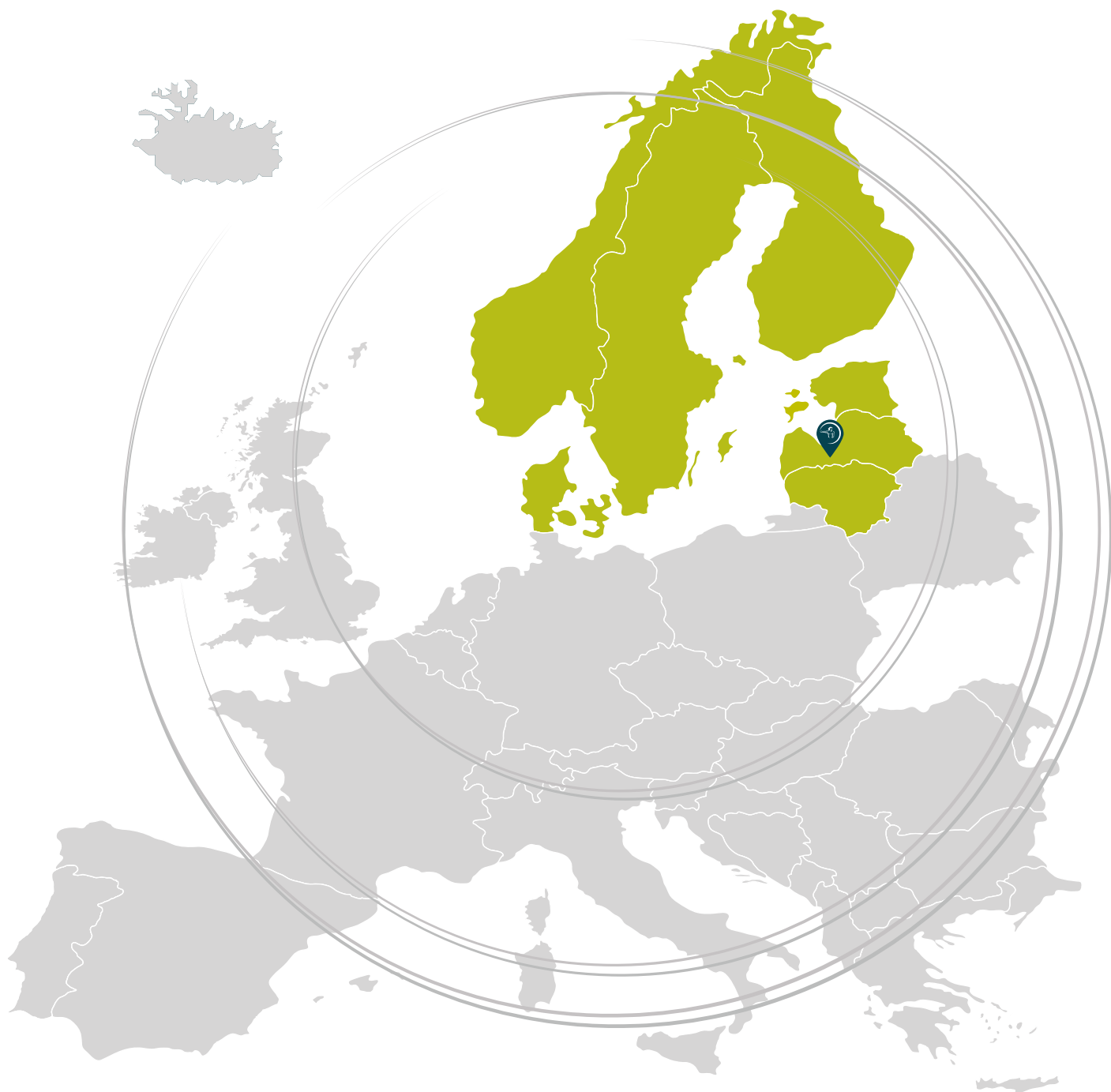
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Cable infrastructure solutions for urban areas



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