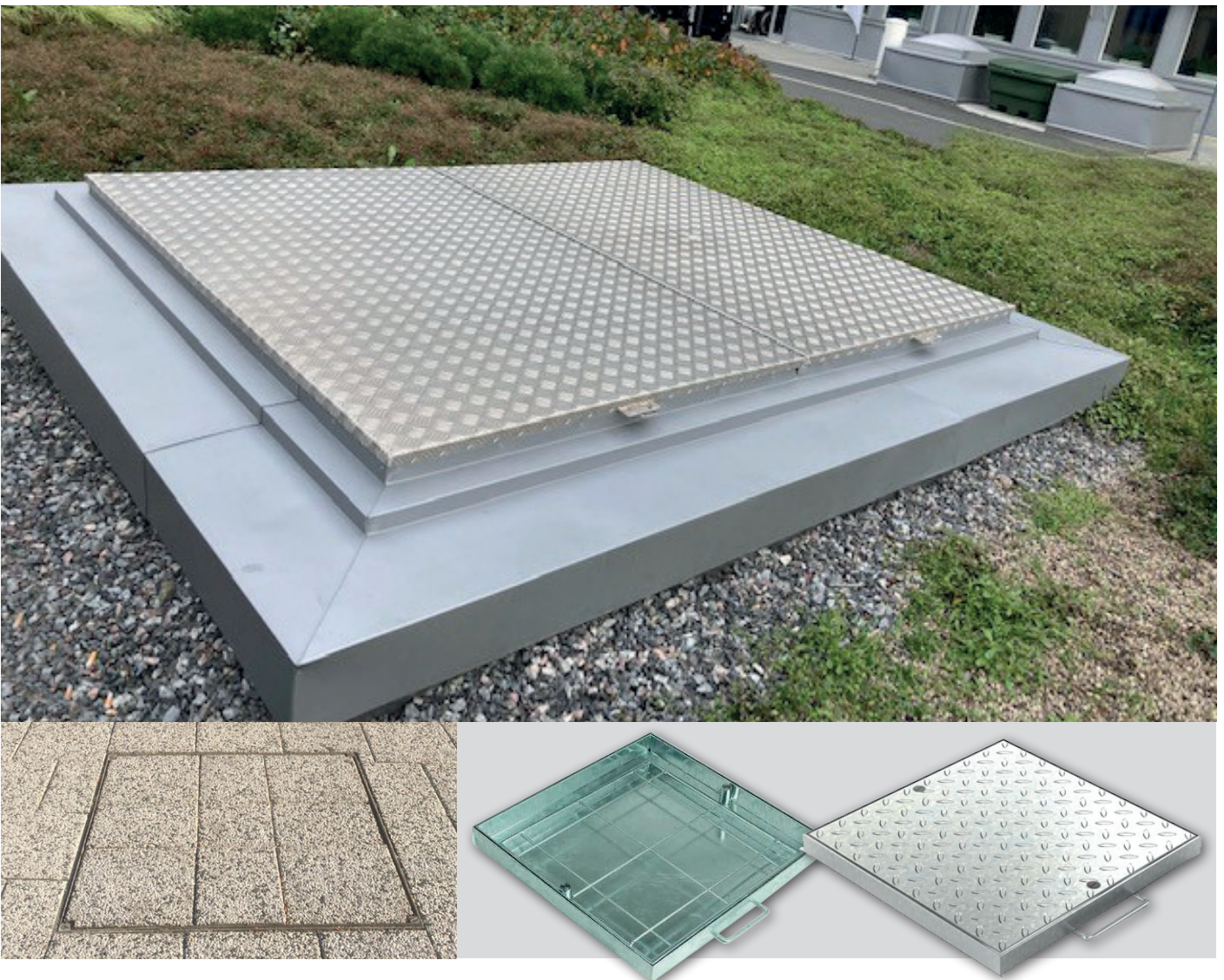


Industrial Technology
General Accessories

Leviat®
A CRH COMPANY

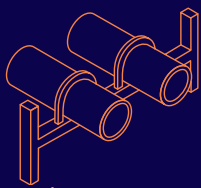
From design to realisation:

A solid partner in manhole covers and access hatches



Imagine. Model. Make.

We imagine, model and make engineered products and innovative construction solutions that help turn architectural visions into reality and enable our construction partners to build better, safer, stronger and faster.



Industrial Technology

Mounting channels, pipe clamps and other versatile framing systems that provide safe fixing in a wide range of industrial applications.

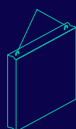
- Modular Framing Systems
- Modular Support Systems
- Mounting Channel Systems
- Accessories for channels, framing & support systems
- General accessories
- Versatile Interior Systems

Other areas of expertise:



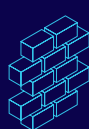
Structural Connections

Systems to form robust, efficient connections, and continuity of concrete reinforcement as necessary, between walls, slabs, columns, beams and balconies, providing structural integrity as well as enhanced thermal and acoustic performance.



Lifting & Bracing

Systems for the safe and efficient transportation, lifting and temporary bracing of cast concrete elements and tilt-up panels before permanent structural connections are made.



Façade Support & Restraint

Systems for the safe and thermally-efficient fixing of the external building envelope, including brick and natural stone, insulated sandwich panels, curtain walling and suspended concrete façades, and also the repair and strengthening of existing masonry installations.



Anchoring & Fixing

Systems for fixing secondary fixtures to concrete, including anchor channels, bolts and inserts; also tension rod systems for roofs and canopies.



Formwork & Site Accessories

Non-structural accessories that complement our engineered solutions and help keep your construction environment operating safely and efficiently, including moulds for casting standard and special concrete elements and construction essentials such as reinforcing bar spacers.

Leviat product ranges:

Ancon | Aschwanden | Connolly | Halfen | Helifix | Isedio | Meadow Burke | Modersohn | Moment | Plaka | Scaldex | Thermomass

From design to realisation

Manhole covers, tiled covers and access hatches

Leviat produces covers with standard dimensions as well as custom-made covers.

We guarantee a perfect finish by using automation and our in-house galvanisation facilities. Our covers come in various metals (galvanised, stainless steel and aluminium) and available with odour-tight and watertight seals, possibly with extra reinforcement.

Tiled or concrete-filled covers are ideal for neatly and safely concealing manholes or openings. Openings are barely visible because they merge into the floor.

Standard covers can always be supplied from stock.

For every covered area in the field of:

- Residential construction
- Non-residential construction
- Car parks
- Renovation
- Industry
- Produced using high-grade mild steel, aluminium or stainless steel
- Designed for light or heavy loads
- Hot-dip galvanised in accordance with EN:ISO1461 if steel is used
- Produced in accordance with ISO:9001 / EN 1090 quality control system

Specifications:

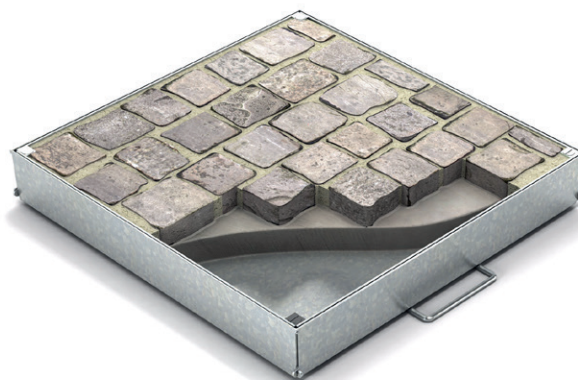
- Made from 3 mm sheet metal with installation depth of 45 mm.
- Covers can be closed using stainless steel screws.
- Neoprene gaskets are enclosed for a better a seal.
- Material: Stainless steel AISI 304/316 quality / hot-dip galvanised steel / Aluminium.
- Frame : 3 mm thick with fixing screws.
- Cover: 3 mm thick sunken cover, reinforced and concrete.
- Designed for various applications and available in sunken and solid models, with single and double seal options.
- Covers can be foldable, hinged or lockable.
- Reinforced for extra strength and rigidity.
- Several covers with removable supports are recommended for larger openings - designed to deal with extra loads and removable for easy maintenance.
- Hinged covers are equipped with heavy-duty hinges and locks in the interest of durability and convenience.
- Covers with a spring-loaded lifting mechanism are also available upon request.

Covers

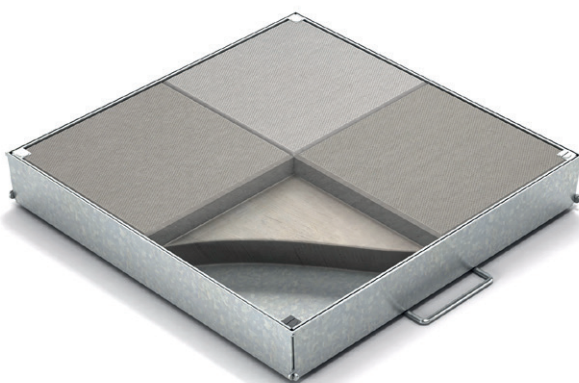
Stock items: manhole covers, tiled covers and access hatches



Model BT400



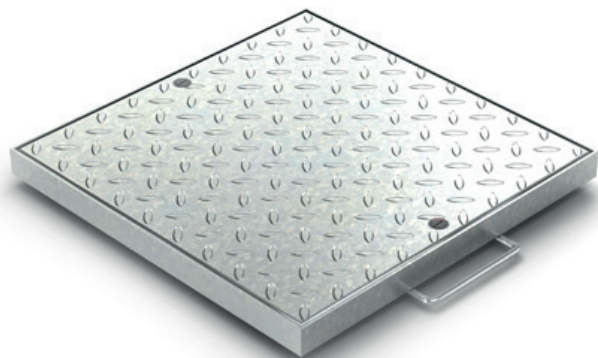
Model BT100



Model BT100



Model BT100



Model TP200

Covers

Stock items: manhole covers, tiled covers and access hatches

Model BT 100

Would you like to place clinker bricks but a manhole or opening is getting in the way? Then use our BT 100. It allows you to place the clinker bricks inside the cover, which merges into your floor and is almost invisible.

Leviat guarantee:

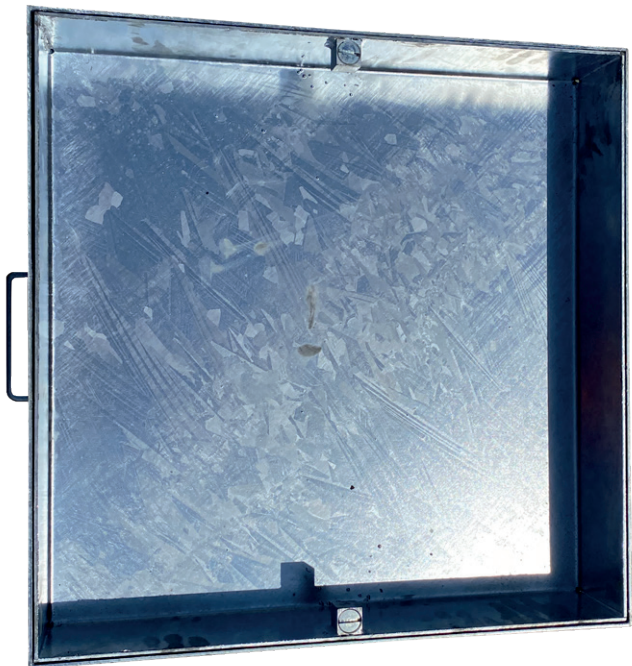
- In-house production
- Ample stocks
- Fast delivery
- Customisation
- More than 40 years' experience
- In-house calculation service
- Product guarantee

Product advantages:

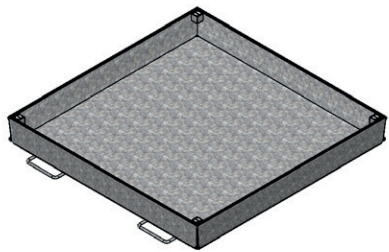
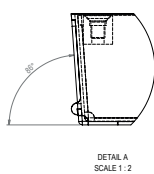
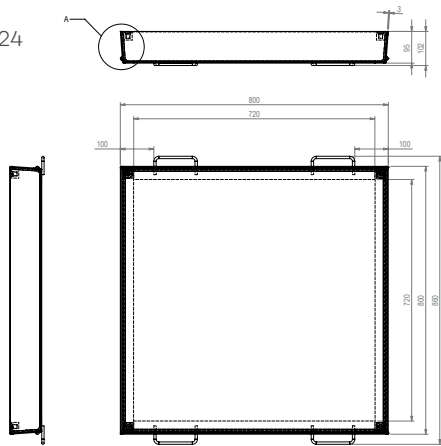
- Lightweight
- Simple installation
- Easy to lift thanks to the "self-lifting" handles
- Ergonomic handles enclosed
- Rust-free
- Frame and cover easy to disconnect from each other (tapered installation)
- Individually packaged
- W.T.C.B. compliant
- Tidy appearance
- Customisation possible

Details :

- Produced using high-grade mild steel, aluminium or stainless steel
- Designed for light or heavy loads
- Hot-dip galvanised in accordance with EN:ISO1461 if steel is used
- Produced in accordance with ISO:9001 / EN 1090 quality control system
- Installation height: 102 mm
- Max. load: 25 tonnes
- Category: C250 in accordance with EN 124
- WTCB compliant



Type cover		Material	Finish	Height [mm]	Seal
Total frame [mm]	Free opening [mm]				
BT100 300 X 300	220 x 220	S235	Galv.	95	No
BT100 400 X 400	320 x 320	S235	Galv.	95	No
BT100 500 X 500	420 x 420	S235	Galv.	95	No
BT100 600 X 600	520 x 520	S235	Galv.	95	No
BT100 700 X 700	620 x 620	S235	Galv.	95	No
BT100 800 X 800	720 x 720	S235	Galv.	95	No
BT100 900 X 900	820 x 820	S235	Galv.	95	No
BT100 1000 X 1000	920 x 920	S235	Galv.	95	No



SURFACE AREA: 2.59932585 M2

Covers

Stock items: manhole covers, tiled covers and access hatches

Model BT 400

Leviat guarantee:

- In-house production
- Ample stocks
- Fast delivery
- Customisation
- More than 40 years' experience
- In-house calculation service
- Product guarantee

Product advantages:

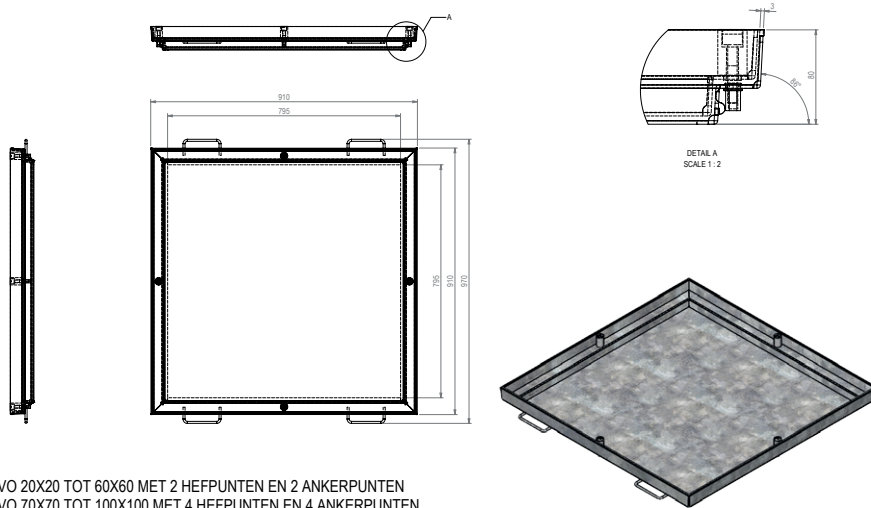
- Lightweight
- Simple installation
- Easy to lift thanks to the "self-lifting" handles
- Ergonomic handles enclosed
- Rust-free
- Featuring mesh reinforcement
- Frame and cover easy to disconnect from each other (tapered installation)
- Individually packaged
- Tested by W.T.C.B.
- Tidy appearance
- Customisation possible

Details :

- Produced using high-grade mild steel, aluminium or stainless steel
- Designed for light or heavy loads
- Hot-dip galvanised in accordance with EN:ISO1461 if steel is used
- Produced in accordance with ISO:9001 / EN 1090 quality control system
- Odour-tight and watertight
- Installation height: 80mm
- Max. load: 12,5 tonnes
- Category: B125 in accordance with EN 124
- WTCB compliant



Type cover		Material	Finish	Height [mm]	Seal
Total frame [mm]	Free opening [mm]				
BT400M 310 X 310	200 x 200	S235	Galv.	80	Yes
BT400M 410 x 410	300 x300	S235	Galv.	80	Yes
BT400M 510 x 510	400 x 400	S235	Galv.	80	Yes
BT400M 610 x 610	500 x 500	S235	Galv.	80	Yes
BT400M 710 x 710	600 x 600	S235	Galv.	80	Yes
BT400M 810 x 810	700 x 700	S235	Galv.	80	Yes
BT400M 910 x 910	800 x 800	S235	Galv.	80	Yes
BT400M 1010 x 1010	900 x 900	S235	Galv.	80	Yes
BT400M 1110 x 1110	1000 x 1000	S235	Galv.	80	Yes



Covers

Stock items: manhole covers, tiled covers and access hatches

Model TP 200

Non-tiled covers

Cover developed as a solution for lubrication points, crawl spaces, cable ducts, etc.

Frame made from folded components and welded together, using hot-dip galvanised steel.

They are fixed in place using screws at the bottom and sides, thus creating an extremely solid structure.

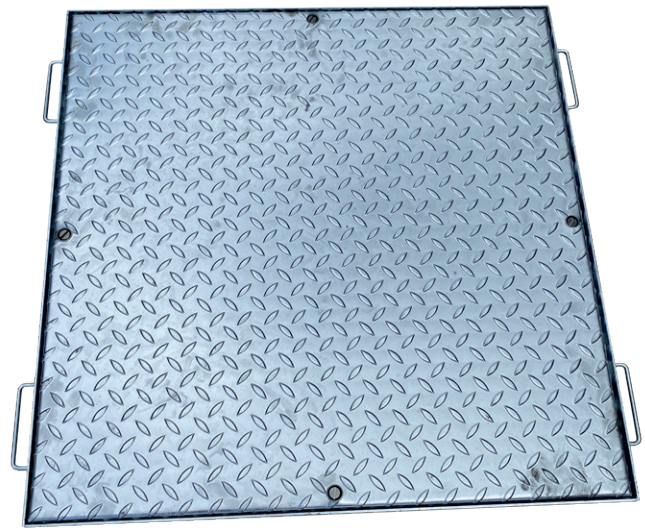
Galvanised steel dowels, which are welded to the bottom of the frame, are used to anchor the cover into the floor bedding.

Product advantages:

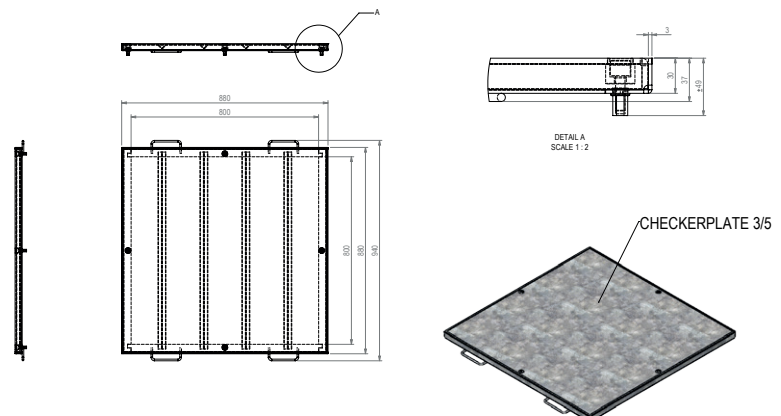
- No concrete or other additional structural filling needed
- Type tested and certified in accordance with EN 124
- Featuring watertight and odour-tight seal
- Locked using screws – child-proof
- Rust-proof
- Safe and fast installation
- No risks – load-bearing capacity always guaranteed
- Durable

Details :

- Produced using high-grade mild steel, aluminium or stainless steel
- Designed for light or heavy loads
- Hot-dip galvanised in accordance with EN:ISO1461 if steel is used
- Produced in accordance with ISO:9001 / EN 1090 quality control system
- Cover: aluminium / galvanised steel / stainless steel checker plate
- Odour-tight and watertight
- Installation height: 50mm
- Max. load: 1,5 tonne
- Anti-slip surface
- Category: A15



Type cover		Material	Finish	Height [mm]	Seal
Total frame [mm]	Free opening [mm]				
TP200 280 x 280	200 x 200	S235	Galv.	30	No
TP200 380 x 380	300 x 300	S235	Galv.	30	No
TP200 480 x 480	400 x 400	S235	Galv.	30	No
TP200 580 x 580	500 x 500	S235	Galv.	30	No
TP200 680 x 680	600 x 600	S235	Galv.	30	No
TP200 780 x 780	700 x 700	S235	Galv.	30	No
TP200 880 x 880	800 x 800	S235	Galv.	30	No
TP200 980 x 980	900 x 900	S235	Galv.	30	No
TP200 1080 x 1080	1000 x 1000	S235	Galv.	30	No



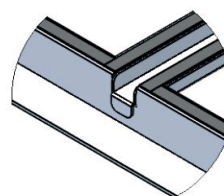
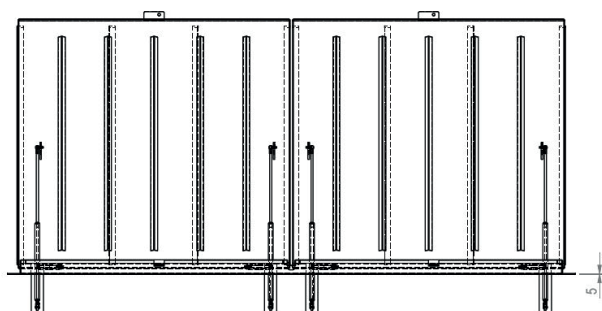
VO 200X200 TOT 300X300 2 HEFPUNTEN/2 ANKERPUNTEN/GEEN VERSTEVIGING
VO 400X400 TOT 600X600 2 HEFPUNTEN/2 ANKERPUNTEN EN 2 VERSTEVIGINGEN
VO 700X700 TOT 1000X1000 4 HEFPUNTEN/ 4 ANKERPUNTEN EN 4 VERSTEVIGINGEN

Covers

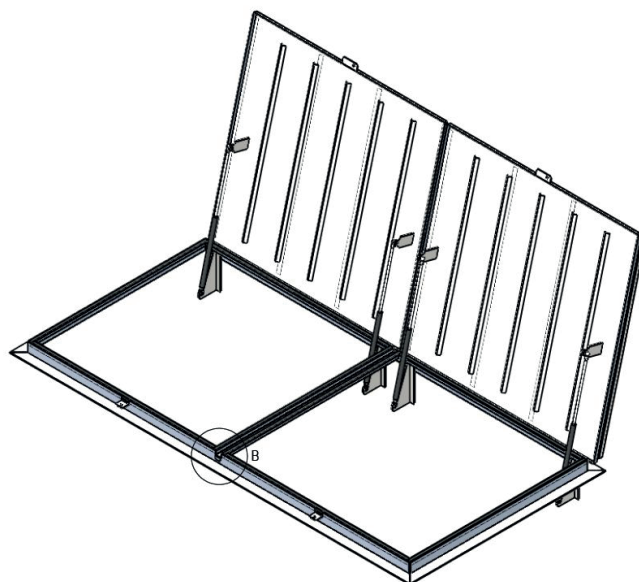
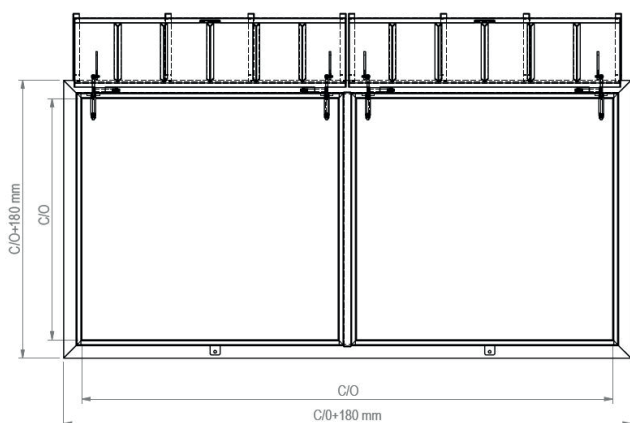
Custom-made solutions



Enkele voorbeelden



DETAIL B
SCALE 1 : 5



Covers

Custom-made solutions



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