

# ACCESS HATCHES

aluminium or stainless steel



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## Description

The series of cover and pit hatches consists of various designs (surface-mounted, recessed) and is available in different load classes. Thanks to their easy operation and safe design (in accordance with health and safety legislation), these particularly robust and durable cover and pit hatches create ideal working conditions and can be used for a wide range of applications in various locations.

## Types of cover hatches

- o Surface-mounted hatches: this type of hatch is manufactured in aluminum and optionally in stainless steel. These hatches are mounted on a concrete edge. A surface-mounted hatch is always custom-made and is available in virtually any size. This type of hatch can be fitted with multiple aluminum lids that can be hinged next to each other and opposite each other.
- o Cast-in hatches: these aluminum and stainless steel hatches are cast into the concrete. This ensures that the cover hatches are flush with the top of the concrete. The maximum load of a cast-in hatch is 15 kN/m<sup>2</sup>.

## Accessories for cover hatches

- o safety grilles: available in both stainless steel 304 and 316 stainless steel, in various designs and always made to measure
- o pit ladders: safe descent into the pit, available in various lengths, with cage protection if required
- o stairs: high-quality aluminum, made to measure
- o fences: aluminum fencing / handrails for extra safety around a pit hatch



## Construction of surface-mounted hatches

This type of cover hatch is equipped with a robust aluminum frame (10 mm thick), a stainless steel handle, a lock eye, and two toggle closures, including a toggle key. Because the cover hatches are equipped with an aluminum 5-ribbed cover (5/6½ mm thick) and one or more gas springs, they are easy to operate. In addition, the cover hatch is optimally safe to use thanks to the strong stainless steel 304 safety grilles. Furthermore, these pit hatches are completely odor-proof with a neoprene sealing rubber, mounted in a U-profile. All rotating parts of the cover hatches are made of stainless steel and fitted with nylon rings.

## Construction of collapse hatches

This type of cover hatch is constructed from a stainless steel frame with an aluminum 5-layer plate (thickness 5/6½ mm) or stainless steel 1-layer plate cover (thickness: 3/4½ mm). The cover hatches feature a very strong safety grille and toggle locks, including a toggle key. The robust stainless steel frame consists of a 100×100×2 mm pressed profile.

Furthermore, only the single cover hatches are odor-proof thanks to a neoprene rubber seal. Versions with a hinged lid are equipped with gas pressure springs, making them easy to operate.

## Advantages

- o extremely robust aluminum or stainless steel frame
- o easy operation: the cover of a pit hatch is supported by gas pressure springs
- o optimal safety thanks to a very strong stainless steel safety grate that complies with health and safety legislation
- o available in any desired size, with multiple covers and designs
- o single version available in odor-proof design
- o vandal-proof / anti-theft (surface-mounted hatch type C)
- o load capacity of 15 kN/m<sup>2</sup> for recessed hatch type
- o includes mounting hardware for installation of the cover hatch

