**Manhole cover SD7**, designed for on-site bitumen connection to match the local surface, flush installation, classes A15/EC10, B125 and D400, rainproof, odour-tight against pressureless water, burglar-resistant, rectangular, made of stainless steel material no. 1.4307 (AISI 304 L).

Suitable for use in Ex zone 1.

Suitable for stationary traffic.

Certified to DIN 1229 / DIN EN 124-1:2015-09 and DIN EN 124-3:2015-09 by MPA Bremen (German institute for material testing).

**Cover** consists of a stainless steel tear pattern plate, with additional bracing on the bottom according to the weight (load class), with a low-wear seal on the underside of the cover, with one or more screw locks depending on the size of the cover, including lock system with anti-drilling protection, as standard with hardened safety lock as recommended by criminal investigation departments and in accordance with the normative standards; the profile cylinder in accordance with DIN 18252 to be provided by the customer. Frost-proof inner hinges, help for opening in the form of stainless steel gas assisted spring dampers with integrated cover arrestor, which can only be undone by hand.

A connection for potential equalisation is provided.

**Easy-to-install encasing frame,** height 250 mm, with external wall clamps, provided for embedding in concrete (concrete up to 60 mm below upper frame edge) and for fixing to the casing. Frame in reinforced design, so that the on-site covering (maximum height = 60 mm) can be applied up to the outer edge of the frame.

Manhole cover and frame shielded arc-welded, acid-treated in a pickling bath and passivated.

Operating key included.

One-piece design in Class A15/EC10 up to a max. clear shaft width of 2000x1200 mm

One-piece design in Class B125 and D400 up to a max. 1m² and maximum side length 1400 mm

Options:

➤ 1.4404 (AISI 316 L) stainless steel

➤ Encasing frame, non-standard installation height

➤ Safety guard / barrier

➤ Safety guard / antifall guard

➤ Suitable for moving traffic (only Class D400)