# Weatherproof manhole cover SD1, rectangular type

**Manhole cover,** weatherproof, rectangular in shape, completely made of 1.4307 (AISI 304 L) stainless steel.

Based on DIN 1239:2018-4, suitable for use in Ex zone 1.

**The cover** is made of 2 mm stainless steel plate, with a centrally raised profile, inner cross bracing for rigidity, self-retracting lock, stainless steel gas assisted spring damper, integrated arrestor which can only be undone by hand; robust, concealed hinges.

A connection for potential equalisation is provided.

**The frame** consists of a Z-section with a circumferential insect-proof and totally weather-proof rubber seal (frost- proof and weather-resistant), with clips welded to the bottom side, designed for embedding in concrete or for internal bolted fixing.

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

Operating key included.

**Options:**

➤ 1.4404 (AISI 316 L) stainless steel

➤ Air vent DN 150, centrally welded

➤ Insulation of the cover, without FCKW

➤ Fixing material and foam rubber gasket

➤ Safety lock for increased security, with or without profile cylinder

➤ Non-standard sizes

➤ Possibility to open the cover from below

➤ 4 mm cover plate

➤ Magnetic contact (cover open/shut indicator)

➤ Handle

➤ Pollen filter or biofilter (for odour elimination), or wind ventilator within the air vent

➤ Separable cover and frame

➤ Seal glued to the bottom side of the cover

➤ Lacquer according to RAL colour chart

➤ Surface made of tear pattern plate

➤ Fire-service standard lock, for pillar hydrant key DIN 3223, M 12 (supplied without key)

➤ Safety guard / barrier

➤ Safety guard / antifall guard

➤ Multi-part cover