



Fire brigade



Liquidation of Accidents



Transport & Logistics



Sea



# Magnetic Drain Cover MDC

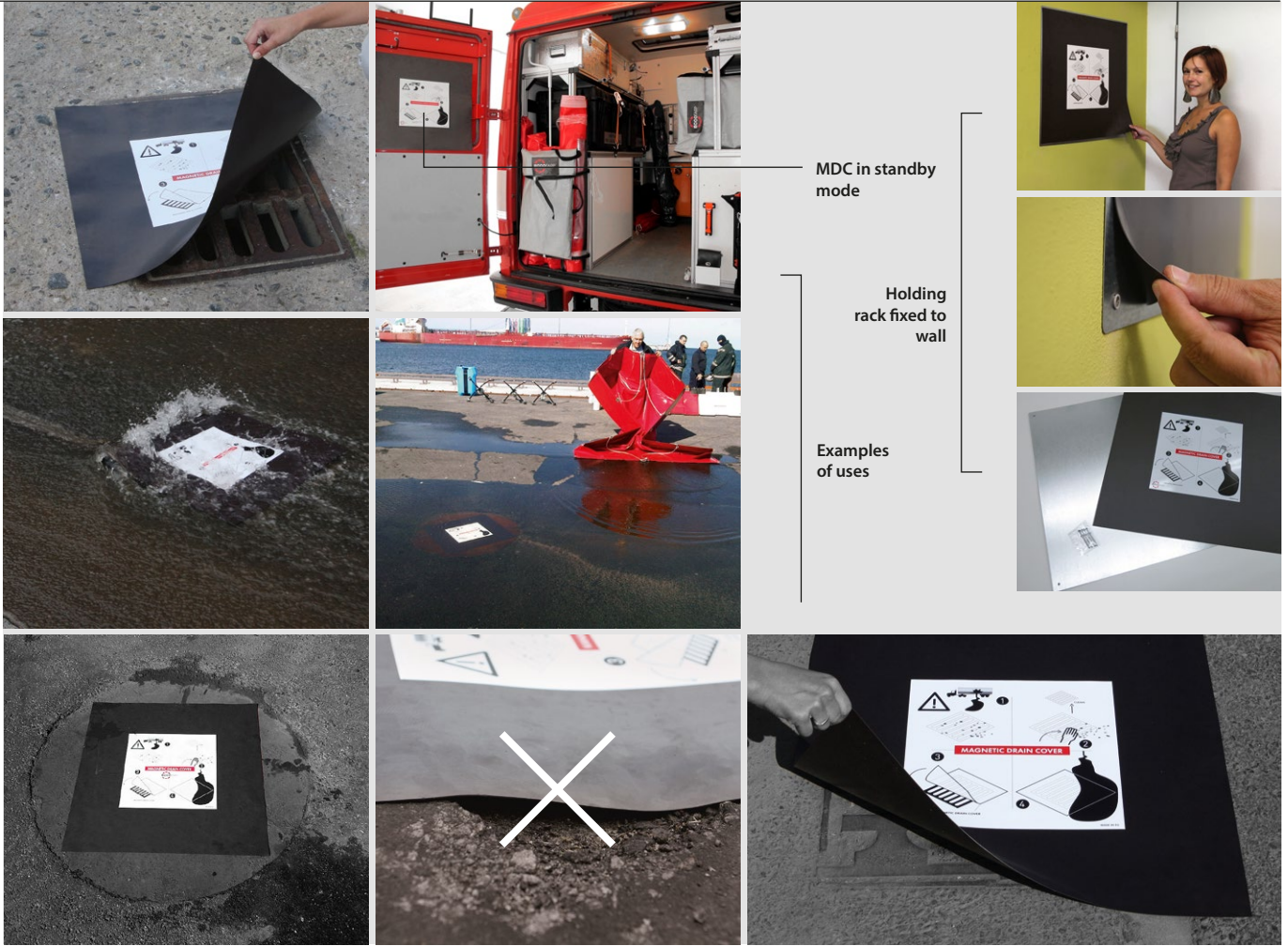
A simple, lightweight, space-saving and re-usable product designed to protect sewers and drains from leaks of hazardous liquids and prevent damage to the environment.



- ▶ Flexible, lightweight, space-saving
- ▶ Reusability
- ▶ Easy maintenance
- ▶ Competitive price



**Prevention of leakages of hazardous substances into drains**



MDC in standby mode

Holding rack fixed to wall

Examples of uses



## Principle

Before placing the Magnetic Drain Cover on a drain ensure the upper surface of the drain is free of dirt. It is highly efficient when applied to flat and smooth surfaces (on industrial premises, roads and the like). Its adhesion to the ground is reinforced by the hydrostatic pressure of the trapped liquid above it. The MDC performs particularly well when the liquid above it is deep, even when the ground nearby is uneven. Due to the hydrostatic pressure and specific properties of the Drain Cover its adhesion increases in proportion to the depth of liquid contained by it. On the other hand its efficiency is reduced at locations where the drain cover is not on the same level as its close surroundings (caved-in drain shaft, uneven or bumpy ground very close to the drain). The recommended overlap of the magnetic film at the edges of the drain opening is about 5-10 cm.

## Technical details

Physical properties of the material: Isotropic magnetic film with permanent magnetic properties. Maximum pressure 52 g/cm<sup>2</sup>, thickness 0,7 ± 0,9 mm, colour black, temperature span from -20 °C to +80 °C (low temperatures can adversely influence the material's flexibility). MDC is resistant to the effects of weather conditions and oil-based products, dilute acids and alkalis (see Chemical resistance certificate in the relevant chapter at the end of catalogue). The magnetic film has permanent magnetic properties. If correctly stored, the film can remain magnetic for a very long time. The recommendation is to store this product at room temperature and use the space-saving wall-mounted storage rack. This allows for speedy deployment in an emergency.

Recommended accessories: Wall-mounted storage rack: 615 × 615 × 0,6 mm zinc coated metal sheet with 4 wall plugs.

The product is protected by registered utility model (technical patent) no. 23965 lodged with the Industrial Property Office.



Specifications

Type	Dimensions (mm)	Packaging dimensions (mm)	Size of Holding Rack (mm)	Weight (kg)
MDC 01 Magnetic Drain Cover	510 × 510 × 0,9	630 × 630 × 10		0,8
MDC 02 Magnetic Drain Cover	600 × 600 × 0,9	630 × 630 × 10		1,1
MDC 03 Magnetic Drain Cover with holding rack	600 × 600 × 0,9	630 × 630 × 10	615 × 615 × 0,6	2,5
MDC 04 Magnetic Drain Cover	1000 × 1000 × 0,9	90 × 90 × 1010		3,3