DMS1C3/4545/K

Safeseal C250 manhole cover 450mm x 450mm clear opening with 75mm frame depth

RANGE	CLEAR OPENING (MM)	OVERALL FRAME (MM)	FRAME DEPTH (MM)	OPTIONS
Safeseal	450 x 450	550 x 550	75	☐ Screw locking ☐ Neoprene seal ☐ Integral badging ☐ Ventilation holes ☐ Flood and odour control plate ☐ Safety grille

FEATURES

- Indexed corners ensure correct orientation first time, every time.
- Safety keyway prevents accidental disengagement of the lifting key during the handling process.
- Designed with tapered sides and centralised lifting points to allow the cover to slide out of the frame.
- Labyrinth seal helps to prevent odour escapes and water ingress.
- 70+ PSRV tested at top surface of chequer by UKAS accredited 3rd party.

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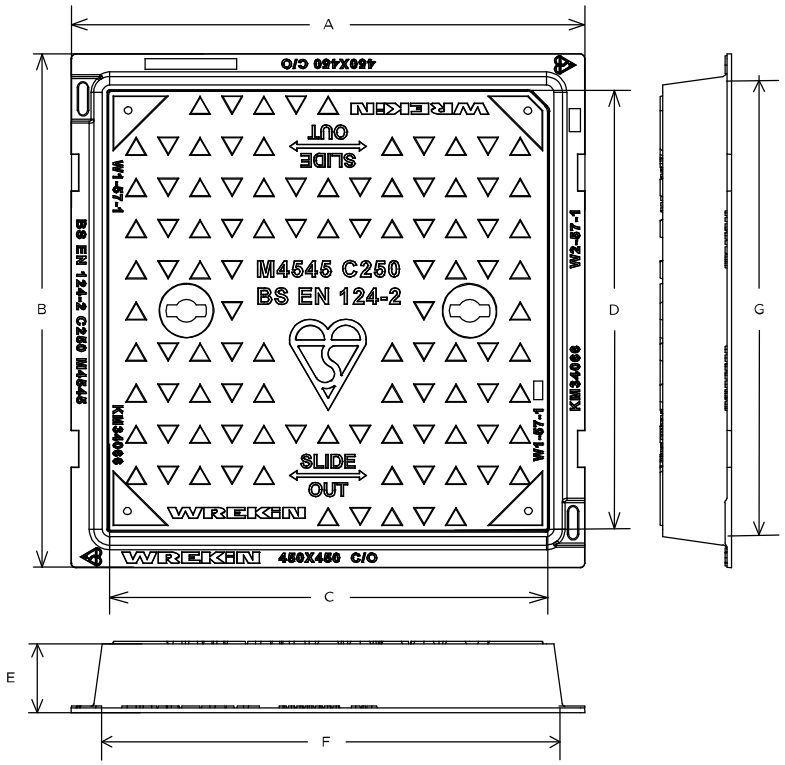

SPECIFICATION

General information

Stock code	DMS1C3/4545/K
Primary material	Ductile iron
Range	Safeseal
Category	Manhole cover
Flanges	4

Standards, classes and groupings

Standards	BS EN 124-2
BS EN 124 Class	C250
BS EN 124 Group	3

Third party certified	Kitemark

Dimensions

Frame shape	Square
Manhole shape	Square
Overall frame (A x B)	550 mm x 550 mm
Clear opening (C x D)	450 mm x 450 mm
Frame depth (E)	75mm
Base opening (F x G)	490 mm x 490 mm

AVAILABLE OPTIONS

Screw locking
Screw locking deters unauthorised access to the chamber. An extended shank socket set is required to engage the locking screw.

Industry standard badging
Integral industry-standard badging e.g. SW (Storm Water) and FW (Foul Water). Details are taken at point of order.

Flood and odour control plate
The flood and odour control plate is manufactured from steel and provides resistance to flood-water ingress and the chamber-odour egress.

Neoprene seal
A neoprene seal can be included to reduce ingress and egress of dirt and gasses from the chamber.

Ventilation holes
Provide additional cover ventilation in addition to the product's natural ventilation, up to the BS EN 124 allowance.

Safety grille
Safety grilles prevent accidental chamber falls. Available in a variety of configurations; including bars and mesh as drop-in or hinged.

ACCESSORIES

STOCK CODE	DESCRIPTION
PC/UNIFORM/151076	Uniform chamber adjustment unit 760mm x 100mm x 15mm
PC/UNIFORM/251076	Uniform chamber adjustment unit 760mm x 100mm x 25mm
PC/UNIWEDGE/755012	Uniform support wedge 120mm x 50mm x 75mm
YPCR/U12.5	12.5Kg Unipak® rapid curing polyester resin mortar

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STOCK CODE	DESCRIPTION
YPCR/U25	25Kg Unipak® rapid curing polyester resin mortar
KEY/LONG	Large cover lifting keys with a long handle (sold as a pair)
KEYS/L	Small cover combined lifting key
KEYSHEAVY	Large cover lifting keys with a standard handle (sold as a pair)

1. Wrekin Products Ltd is continually seeking to improve our products and therefore reserves the right to alter product specifications without prior notice.
2. It is the responsibility of all users to satisfy themselves the above data is current.
3. Installation details are available on request.
4. All Wrekin products are supplied subject to our Terms and Conditions of Sale