

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 ☐ Standard badging ☐ Pressure release holes ☐ Flood and odour control plate ☐ Safety grille

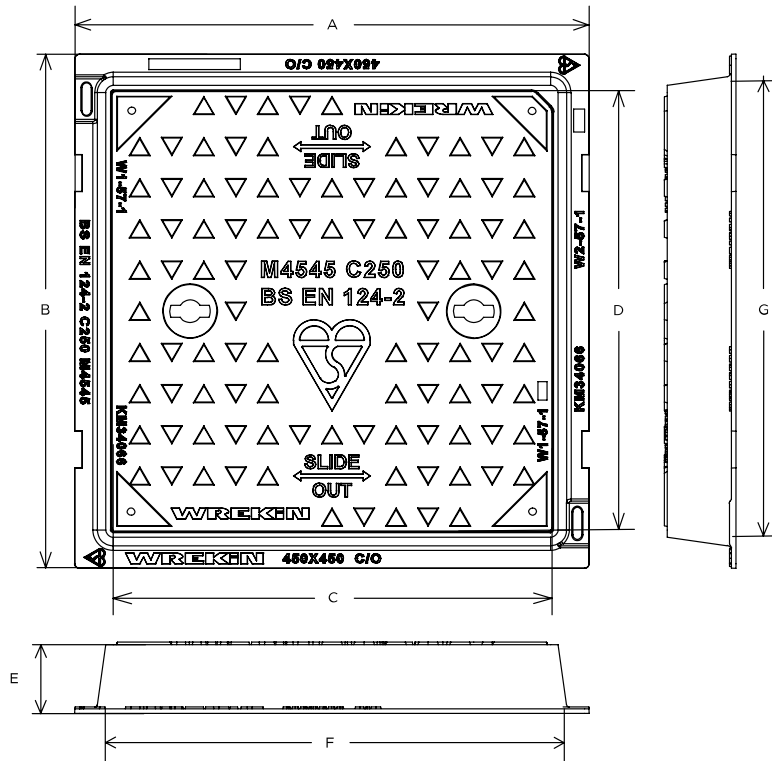
FEATURES

- ✓ 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.



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.

✓ Pressure release holes

Pressure release holes provide additional airflow, with sizes permitted up to the maximum allowances specified in BS EN 124.

✓ 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

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

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2. It is the responsibility of all users to satisfy themselves the above data is current.
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