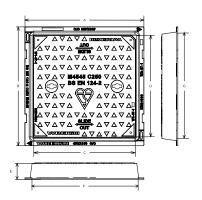


DMS1C3/4545/K

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



CHARACTERISTIC	VALUE
Range	Safeseal
Clear opening (mm)	450 x 450
Overall frame (mm)	550 x 550
Frame depth (mm)	75
Options	 Screw locking Neoprene seal Standard badging Flood and odour control plate Safety grille Pressure relief holes



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

EPD DATA

Total life cycle (cradle to grave) 69.43 kg CO₂ equivalent



FEATURES

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

AVAILABLE OPTIONS

Screw locking

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

Neoprene seal

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

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.

Safety grille

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

Pressure relief holes

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

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
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

- ▶ Wrekin Products Ltd is continually seeking to improve our products and therefore reserves the right to alter product specifications without prior notice.
- ▶ It is the responsibility of all users to satisfy themselves the above data is current.
- All values stated are nominal within 2.5% tolerance.
- ▶ Installation details are available in the <u>knowledge base</u>.
- ▶ All Wrekin products are supplied subject to our <u>Terms</u> and <u>Conditions of Sale</u>.





