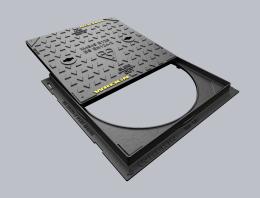


# DMS1B2/45D/KSQR

Safeseal B125 manhole cover 450mm diameter clear opening with 40mm frame depth



CHARACTERISTIC	VALUE
Range	Safeseal
Clear opening (mm)	Ø 450
Overall frame (mm)	550 x 550
Frame depth (mm)	40
Options	<ul> <li>▶ Screw locking</li> <li>▶ Neoprene seal</li> <li>▶ Standard badging</li> <li>▶ Safety grille</li> <li>▶ Flood and odour control plate</li> <li>▶ Pressure relief holes</li> </ul>

## **SPECIFICATION**

## **GENERAL INFORMATION**

Stock code	DMS1B2/45D/KSQR
Primary material	Ductile iron
Range	Safeseal
Category	Manhole cover
Flanges	4

## STANDARDS, CLASSES AND GROUPINGS

Standards	BS EN 124-2
BS EN 124 Class	B125
BS EN 124 Group	2
Third party certified	Kitemark

## **DIMENSIONS**

Frame shape	Square
Manhole shape	Circular
Overall frame (A x B)	550 mm x 550 mm
Clear opening (C x D)	Ø 450 mm
Frame depth (E)	40mm
Base opening (F x G)	490 mm x 490 mm

## **EPD DATA**

Total life cycle (cradle to grave) 49.98 kg CO<sub>2</sub> equivalent



# **FEATURES**

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- Indexed corners ensure correct orientation and alignment first time, every time.
- The labyrinth seal design prevents odour escape and protects against water ingress.
- Safety keyways prevent accidental lifting key disengagement during handling for safer operation.
- Independently tested by a UKAS-accredited laboratory to achieve a PSRV value of 70+ on the chequer surface.

## 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.

#### Safety grille

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

#### 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.

### 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
KEYS/L	Small cover combined lifting key
DREDRING/45/35	Reducer ring with a 350mm inner diameter and 460mm outer diameter
KEYS/LONG	Large cover lifting keys with a long handle

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