

DMS1B2/45D/KSQR

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



RANGE	CLEAR OPENING (MM)	OVERALL FRAME (MM)	FRAME DEPTH (MM)	OPTIONS
Safeseal	Ø 450	550 x 550	40	<input type="checkbox"/> Screw locking <input type="checkbox"/> Neoprene seal <input type="checkbox"/> Integral badging <input type="checkbox"/> Safety grille <input type="checkbox"/> Ventilation holes <input type="checkbox"/> Flood and odour control plate

FEATURES

- ✓ Indexed corners ensure correct orientation first time, every time.
- ✓ Safety keyway prevents accidental disengagement of the lifting key during the handling process.
- ✓ 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	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

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.

✓ **Ventilation holes**

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

✓ **Neoprene seal**

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

✓ **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.

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
KEYSHEAVY	Large cover lifting keys with a standard handle (sold as a pair)
DREDRING/45/35	Reducer ring with a 350mm inner diameter and 460mm outer diameter

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2. It is the responsibility of all users to satisfy themselves the above data is current.
3. Installation details are available on request.
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