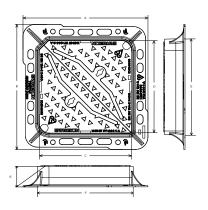


DMT0D4/4545/KT

Tristar D400 manhole cover 450mm x 450mm clear opening with 100mm frame depth



| CHARACTERISTIC | VALUE |
|--------------------|---|
| Range | Tristar |
| Clear opening (mm) | 450 x 450 |
| Overall frame (mm) | 610 x 610 |
| Frame depth (mm) | 100 |
| Options | ▶ Screw locking ▶ Standard badging ▶ Flood and odour control plate ▶ Pressure relief holes |



SPECIFICATION

GENERAL INFORMATION

| DMTOD4/4545/KT |
|----------------|
| Ductile iron |
| Tristar |
| Manhole cover |
| 4 |
| |

STANDARDS, CLASSES AND GROUPINGS

| Standards | BS EN 124-2 |
|-----------------------|-------------|
| BS EN 124 Class | D400 |
| BS EN 124 Group | 4 |
| Third party certified | Kitemark |

DIMENSIONS

| Frame shape | Square |
|-----------------------|-----------------|
| Manhole shape | Square |
| Overall frame (A x B) | 610 mm x 610 mm |
| Clear opening (C x D) | 450 mm x 450 mm |
| Frame depth (E) | 100mm |
| Base opening (F x G) | 470 mm x 470 mm |

EPD DATA

Total life cycle (cradle to grave) 86.68 kg CO₂ equivalent



FEATURES

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- Enlarged corners spread loads evenly across the foundation, enhancing reliability and lifespan.
- 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.
- Indexed corners ensure correct orientation and alignment first time, every time.
- Non-rocking three-point suspension provides stable seating for silent, reliable operation.

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.

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 |
| GRITBLOCKER | Anti-blockage keyway insert |
| SCREWLIFT | Simple and rapid manhole frame levelling system. Simply push the bushes into the holes in the flange and adjust the levelling screws to the required height. |
| KEY/LONG | Large cover lifting keys with a long handle (sold as a pair) |
| KEYS/L | Small cover combined lifting key |

NOTES

The use of Armadillo is recommended where exposure to construction site traffic is likely

- ▶ 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 knowledge base.
- All Wrekin products are supplied subject to our <u>Terms and Conditions of Sale.</u>

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