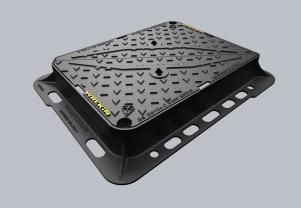
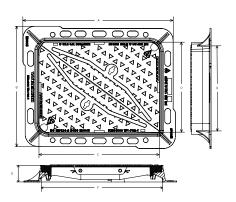


TWKIT/D4/6045

Tristar D400 manhole cover 600mm x 450mm clear opening with 100mm frame depth comes with one 25kg tub of UniPak Mortar



| CHARACTERISTIC | VALUE |
|--------------------|---|
| Range | Tristar |
| Clear opening (mm) | 600 x 450 |
| Overall frame (mm) | 750 x 600 |
| Frame depth (mm) | 100 |
| Options | Screw locking Standard badging Flood and odour control plate Pressure relief holes |



SPECIFICATION

GENERAL INFORMATION

| Stock code | TWKIT/D4/6045 |
|------------------|---------------|
| Primary material | Ductile iron |
| Range | Tristar |
| Category | Manhole cover |
| Flanges | 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 | Rectangular |
|-----------------------|-----------------|
| Manhole shape | Rectangular |
| Overall frame (A x B) | 750 mm x 600 mm |
| Clear opening (C x D) | 600 mm x 450 mm |
| Frame depth (E) | 100mm |
| Base opening (F x G) | 620 mm x 470 mm |

EPD DATA

Total life cycle (cradle to grave) 114.53 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.
- Non-rocking three-point suspension provides stable seating for silent, reliable operation.
- Indexed corners ensure correct orientation and alignment first time, every time.

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. |
| KEYS/L | Small cover combined lifting key |
| KEYS/LONG | Large cover lifting keys with a long handle |

NOTES

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

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- Installation details are available in the knowledge base.
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