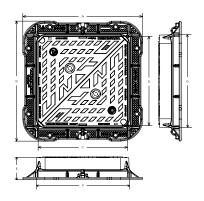


TWKIT/D6/6060

Unite D400 manhole cover 600mm x 600mm clear opening with 150mm frame depth comes with one 25kg tub of UniPak Mortar



CHARACTERISTIC	VALUE
Range	Unite
Clear opening (mm)	600 x 600
Overall frame (mm)	820 x 820
Frame depth (mm)	150
Options	 ID and comms badging Safety grille Screw locking Low leak seal plate No leak seal plate Pressure relief holes



SPECIFICATION

GENERAL INFORMATION

Stock code	TWKIT/D6/6060
Primary material	Ductile iron
Range	Unite
Category	Manhole cover
Flanges	4

STANDARDS, CLASSES AND GROUPINGS

Standards	BS EN 124-2	
	BS7903	
	DMRB	
	MCHW	
	CD 534 v0.2.0	
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)	820 mm x 820 mm
Clear opening (C x D)	600 mm x 600 mm
Frame depth (E)	150mm
Base opening (F x G)	655 mm x 655 mm

EPD DATA

Total life cycle (cradle to grave) 210.46 kg CO₂ equivalent











FEATURES

- GritBlocker comes pre-installed, preventing debris build-up in the keyway, maintaining easy maintenance access.
- 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.
- Available with a 10-year warranty for lasting confidence and proven performance (subject to terms).
- Directs forces vertically to convert traffic loads into mortarcompatible compression forces.
- Indexed corners ensure correct orientation and alignment first time, every time.
- Texturing above and below the flange improves mortar grip and reduces lateral movement and cracking.
- I-beam structure increases rigidity and reduces seat wear for a longer service life.

- Non-rocking three-point suspension provides stable seating for silent, reliable operation.
- Strengthened corners dissipate loading stresses effectively, providing long-term durability and preventing damage to the frame and cover.
- Integrated keyway frame lifting points provide safe and secure handling.
- Frame holes allow mortar to flow through the flange, creating a strong mechanical bond for added stability.
- Optional ID badge supports RFID, NFC and IoT connectivity for asset identification and tracking.
- Works with our retrofittable seal plates to provide flexible lowleak or no-leak solutions, compliant with WIS 4-26-01.
- Smooth, rounded edges reduce stress points and help prevent cracking around the frame.
- Meets the requirements of CD 534 v0.2.0.

AVAILABLE OPTIONS

ID badging and communications options

Bespoke badging and communications antennae, including NFC, RFID and IoT technology.

Safety grille

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

Screw locking

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

Low leak seal plate

Restricts the flow of surface water runoff into the chamber. Reducing the possibility of overwhelming the drainage system.

No leak seal plate

Severely restricts the flow of surface water runoff into the chamber. Significantly reducing the possibility of overwhelming the drainage system.

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
DUESP/6060/LL	D400 600mm x 600mm low leak sealing plate with elastomeric gasket seal and drilled hole
DUESP/6060/NL	D400 600mm x 600mm no leak sealing plate with elastomeric gasket seal

Tel: 01543 440 440 Fax: 01543 440 444 info@wrekinproducts.com wrekinproducts.com







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
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

- Achieves compliance to Class 3 leak tightness performance in accordance with Table 1 of Section 2 within WIS <u>no leak (/NL) sealing</u>.

 4-26-01 when fitted with
- ▶ All seal plate variants (other than high pressure resistant version) can be retro-fitted after cover and frame installation.
- 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</u> and <u>Conditions of Sale.</u>





