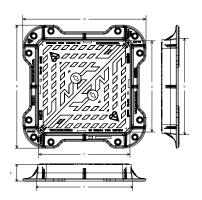


# TWKIT/D4/6060

Unite D400 manhole cover 600mm x 600mm clear opening with 110mm frame depth comes with one 25kg tub of UniPak Mortar



CHARACTERISTIC	VALUE
Range	Unite
Clear opening (mm)	600 x 600
Overall frame (mm)	810 x 810
Frame depth (mm)	110
Options	<ul> <li>Flood and odour control plate</li> <li>Safety grille</li> <li>Screw locking</li> <li>Standard badging</li> <li>Pressure relief holes</li> </ul>



# **SPECIFICATION**

### **GENERAL INFORMATION**

Stock code	TWKIT/D4/6060
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)	810 mm x 810 mm
Clear opening (C x D)	600 mm x 600 mm
Frame depth (E)	110mm
Base opening (F x G)	630 mm x 630 mm

### **EPD DATA**

Total life cycle (cradle to grave) 195.27 kg CO<sub>2</sub> 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.

- 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.
- Frame holes allow mortar to flow through the flange, creating a strong mechanical bond for added stability.
- Smooth, rounded edges reduce stress points and help prevent cracking around the frame.
- Meets the requirements of CD 534 v0.2.0.

## **AVAILABLE OPTIONS**

### 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.

## 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.

#### Industry standard badging

Integral industry-standard badging e.g. SW (Storm Water) and FW (Foul Water). Details are taken at point of order.

### 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

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







STOCK CODE	DESCRIPTION
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**

- ▶ Please note, this product is only compatible with our factory fitted flood and odour control plate, the retrofittable seal plate will only work with stock codes ending "/KUE".
- ▶ 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>







