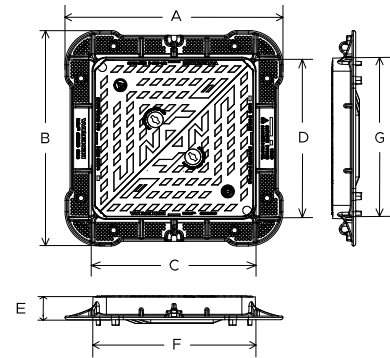


TWKIT/E4/6767

Unite E600 manhole cover 675mm x 675mm clear opening with 100mm frame depth comes with one 25kg tub of UniPak Mortar



CHARACTERISTIC	VALUE
Range	Unite
Clear opening (mm)	675 x 675
Overall frame (mm)	945 x 945
Frame depth (mm)	100
Options	► ID and comms badging ► Safety grille ► Screw locking ► No leak seal plate ► Low leak seal plate ► Pressure relief holes



SPECIFICATION

GENERAL INFORMATION

Stock code	TWKIT/E4/6767
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	E600
BS EN 124 Group	5
Third party certified	Kitemark

DIMENSIONS

Frame shape	Square
Manhole shape	Square
Overall frame (A x B)	945 mm x 945 mm
Clear opening (C x D)	675 mm x 675 mm
Frame depth (E)	100mm
Base opening (F x G)	730 mm x 730 mm

EPD DATA

Total life cycle (cradle to grave) 273.64 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 mortar-compatible 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 low-leak 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.
- ✓ **No leak seal plate**
Severely restricts the flow of surface water runoff into the chamber. Significantly reducing the possibility of overwhelming the drainage system.
- ✓ **Low leak seal plate**
Restricts the flow of surface water runoff into the chamber. 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
DEUESP/6767/LL	E600 675mm x 675mm low leak sealing plate with elastomeric gasket seal and drilled hole
DEUESP/6767/NL	E600 675mm x 675mm no leak sealing plate with elastomeric gasket seal

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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 [no leak \(/NL\) sealing](#) . 4-26-01 when fitted with [plate](#)
- ▶ 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 [Terms and Conditions of Sale](#).