

**DU021H**  
900X600X100  
**D400 (Group 4)**

# MaxiGrip™ Endurance™

D400

## Ductile Iron Access Cover

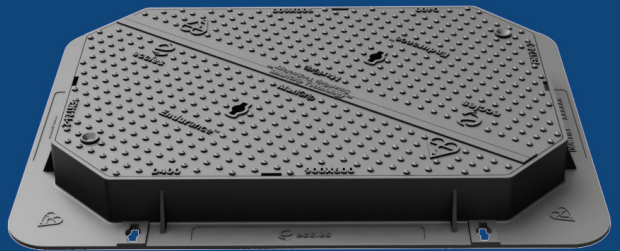


Ductile iron access covers, suitable for use in areas where cars and lorries have access, including carriageways, hard shoulders and pedestrian zones. Capable of withstanding a 400kN (40 tonnes) test load.



### OPTIONAL EXTRAS:

- Badged
- Locked
- Vented
- Sealing Plate
- Security Plate
- Safety Grids
- Security Locking



**SmartGrip Technology™** - Unique pattern design provides a PSRV value of >70 (UKAS Accredited 3rd Party).



**Recyclable** - Long life asset with high circularity contributing to the reduction in carbon footprint.



**Coating** - Black coated finish.



**Ratio** - Ductile iron for improved weight to strength ratio.



**Depth of Insertion** - Meets the depth of insertion requirements of BS EN124-2:2015, CD534 and BS7903



**Three Point Suspension** - Three point suspension for non rock stability.



**Kitemark** - Exceeds the requirements of BS EN124-2:2015, tested and certified by BSI.



**Complies with MCHW** - Manual for Contract Highway Works, Series 500.



**Complies with DMRB** - Meets the requirements of Highways England specification CD534.



**Strong & Durable** - Spheroidal graphite cast iron according to EN 1563:2018, as per the requirements of BS EN124-2:2015.

### ADDITIONAL FEATURES:



**Ergonomic Frame Design** - Due to the enhanced rigid frame design, the frame requires no gussets and has reinforced corner areas to increase the structural integrity of the frame.



**Low Wear Inverted 'V' Seatings** - Allows the dynamic loads in service to be distributed more evenly across the frame geometry, preventing concentrated stress points.



**Intelligent Lifting Points on Frame** - Incorporated lifting points to provide a balanced lift as specified in BS7903:2020 clause 6.19; the underside of the lifting points are recessed to engage with the bedding material and encourage superior adhesion.



**Flange Bearing Area** - All Endurance D400 (group 4) products exceed the minimum specified flange area of 190,000mm<sup>2</sup> as specified in DMRB CD534 V 0.1.0 (table 2.10b)



**Integrated Bedding Mortar Indicator** - Ensures that bedding material envelops the flange to the minimum requirements, can be used in conjunction with our Evev8 levelling system when using flowable bedding mortars.



**Elev8™ Frame Levelling System** - Provides adjustment of the frame during installation to facilitate bedding mortar from 10mm to 50mm depth.

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## DATA

### Dimensions

- A/ Base Size: 1050mm x 750mm
- B/ Clear Opening: 900mm x 600mm
- C/ Depth: 100mm

### Materials

Ductile Iron

### Finish

Black Coated

### Certification

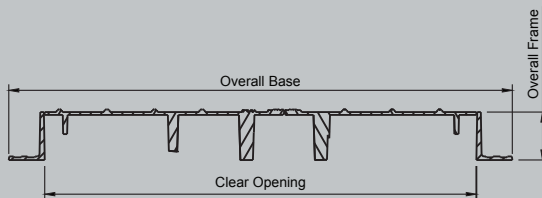
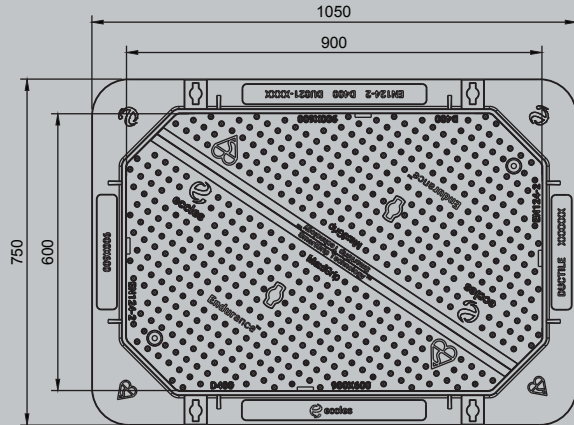
BSI Kitemark

### Standard

BS 5834-2

### Product Type

Ductile Iron Access Cover



## SmartGrip™

Technology

**Disclaimer:** Eccles (UK Foundries FE) Ltd are continually seeking to improve our products and we therefore reserve the right to alter product specifications without prior notice. It is the responsibility of all users to ensure that the above product data is current. Installation details are available on request. It is always recommended that the use of road plates be used where access covers, gully grates and frames are exposed to construction and site traffic during the construction phase of any project and in accordance with "Annex F" EN124\_1 :2015

Product Code	Clear Opening	Base Size	Depth
DU021H	900mm x 600mm	1050mm x 750mm	100mm

**eccles**®

Intelligent Access & Drainage Solutions™

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