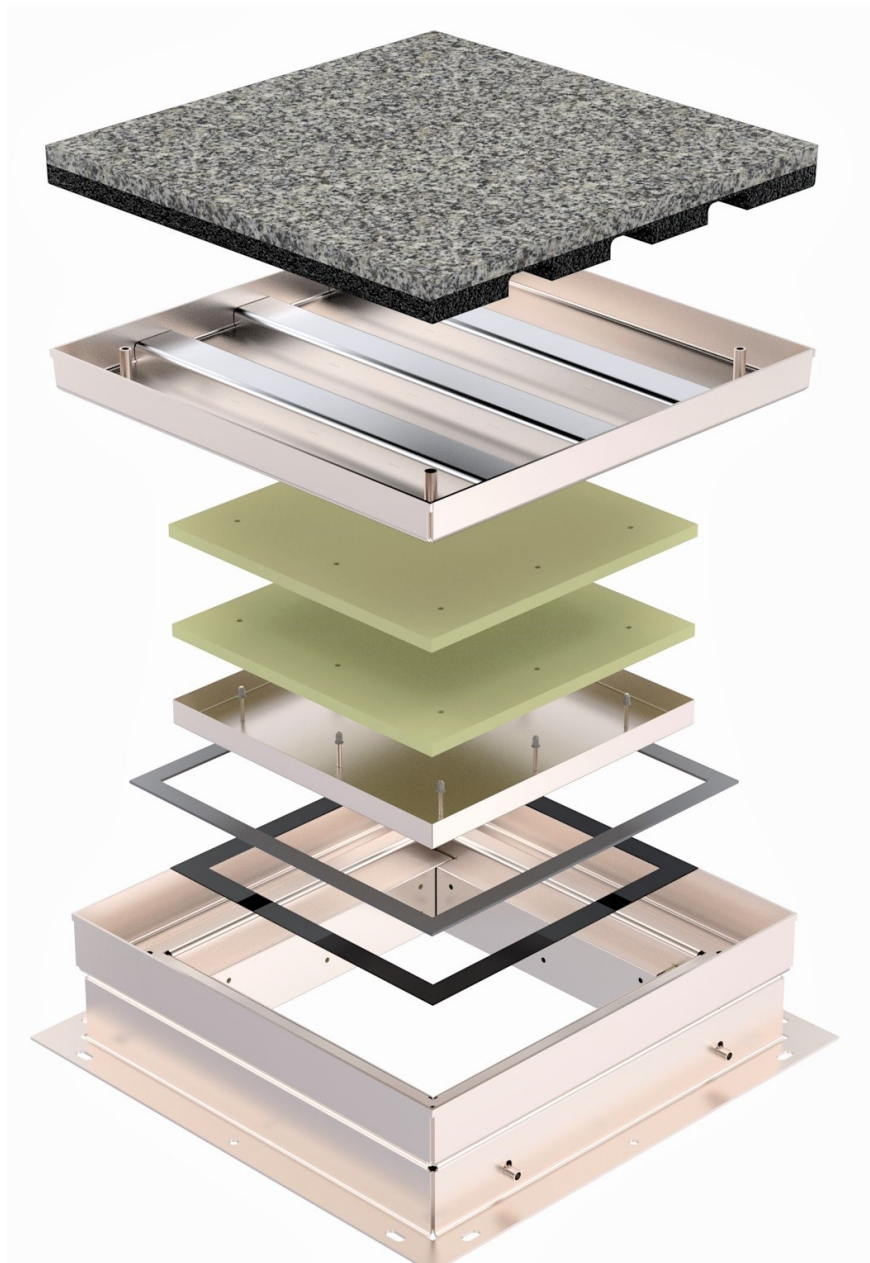


Kent Single Tray Small Fire Rated Access Cover



Kent
STAINLESS



KENT SINGLE TRAY SMALL FIRE RATED ACCESS COVER KFRAC600-600

Kent
STAINLESS

KFRAC600-600 is one of our range of Fire Rated Access Covers, designed, manufactured and tested to BSEN 1634-1:2014. 3rd Party Tests are carried out Exova Warrington Fire, notified body No. 0833.

With its layers of Intumescent Seal these covers have been proven to pass an integrity test of 180 minutes when tested with a flaming test, a gap gauge Test and a cotton pad ignition test. In addition, with its layers of fireboard cladding to the underside, these covers have passed the Insulation Test of 180 minutes giving it a 180 minutes guaranteed fire rating.

Covers are certified to be used with either a concrete/tile infill mainly intended for internal use.

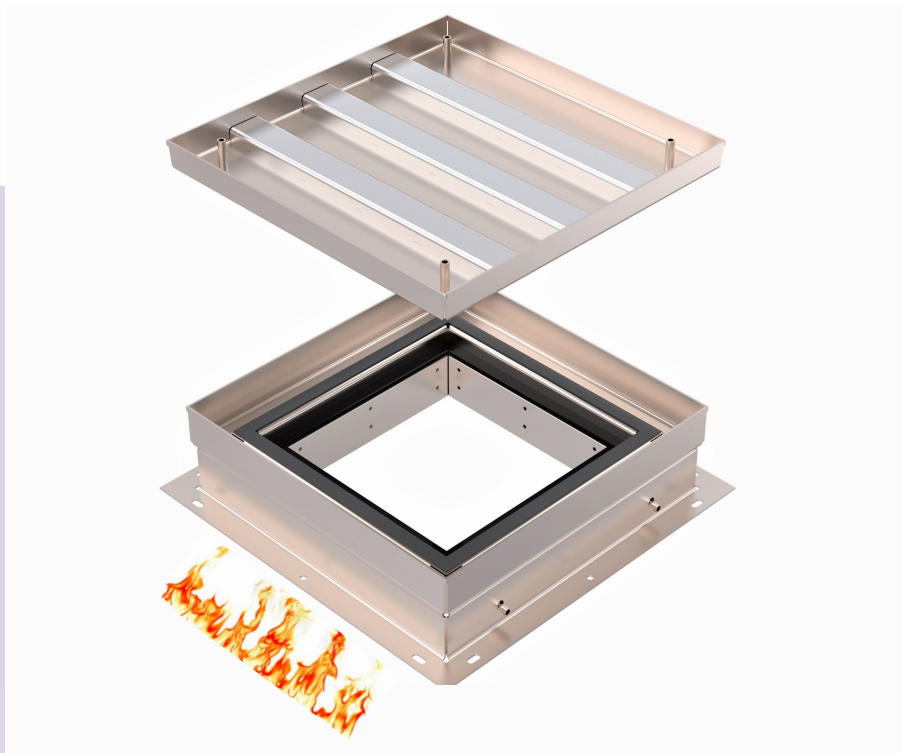
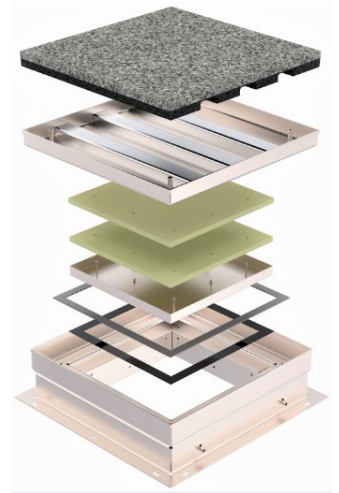
Uniquely they can also be used externally with paver blocks for streetscape and pedestrianised precincts.

Their design also makes them watertight by default.

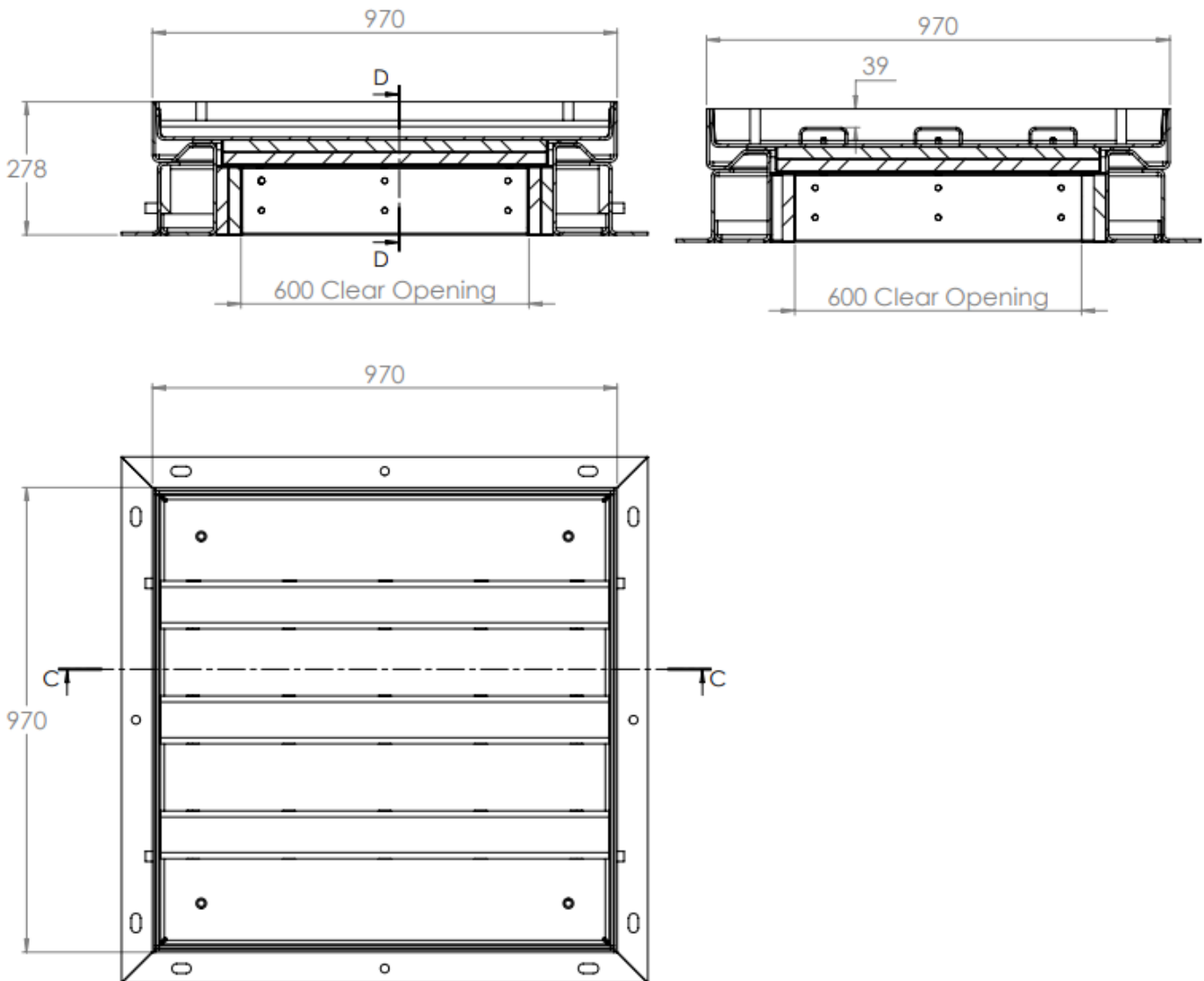
An 600mm x 600mm clear opening gives a 970mm X 970mm visible frame size.

Features:

- Grade 316L Stainless Steel
- 180 Minute Fire Rating
- Integrity Rated and Insulation Rated
- Water Tight
- Loading 5kN/m²



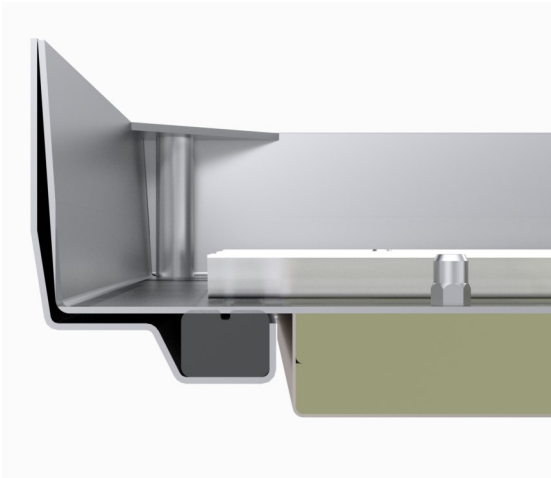
KENT SINGLE TRAY SMALL FIRE RATED ACCESS COVER KFRAC600-600



Product Code	Clear Opening	Tray Depth	Overall Depth (∅)	Visible Frame Size
KFRAC600-600	600mm x 600mm	80mm	278mm	970mm x 970mm



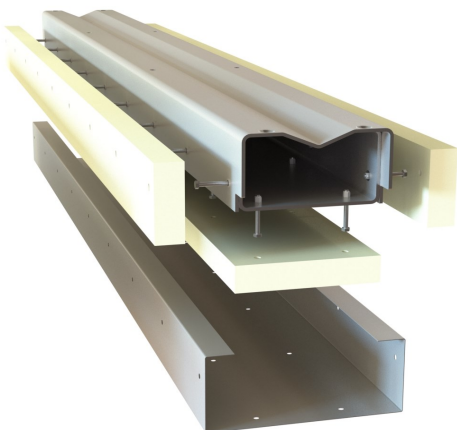
Intumescent Seal



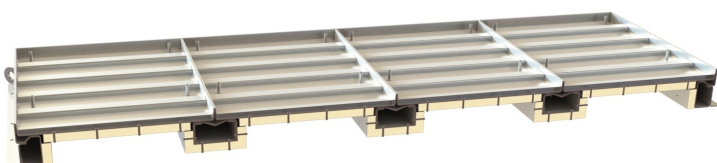
Graphite based intumescent seal, which creates high pressure on expansion. In order to guarantee a secure seal against the spread of smoke and fire, the seal engages at 150°C, ensuring the joints to close quickly to block the spread of smoke and fire.



Fire Cladding



With its layers of fireboard cladding on the underside of our covers, these manhole covers provides thermal insulation, noise prevention and are non combustible according to DIN 4102 and WN 13501, with a shrinkage threshold of 400°C.





KENT SINGLE TRAY SMALL FIRE RATED ACCESS COVER KFRAC600-600

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3rd Party Certified

British Standard



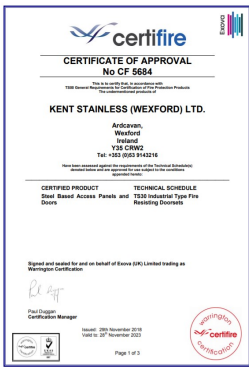
Exova Test Report



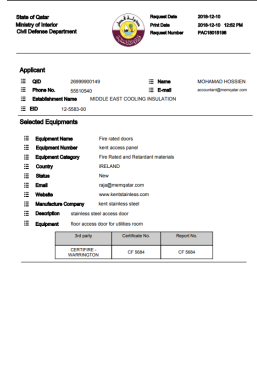
**150°C
Intumescent
Seal
400°C Fire
Cladding**



Certifire



State of Qatar



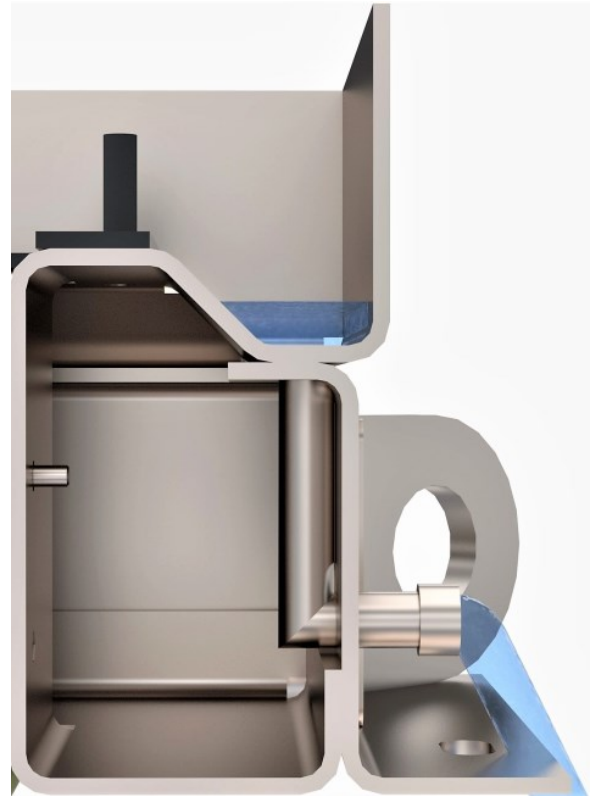
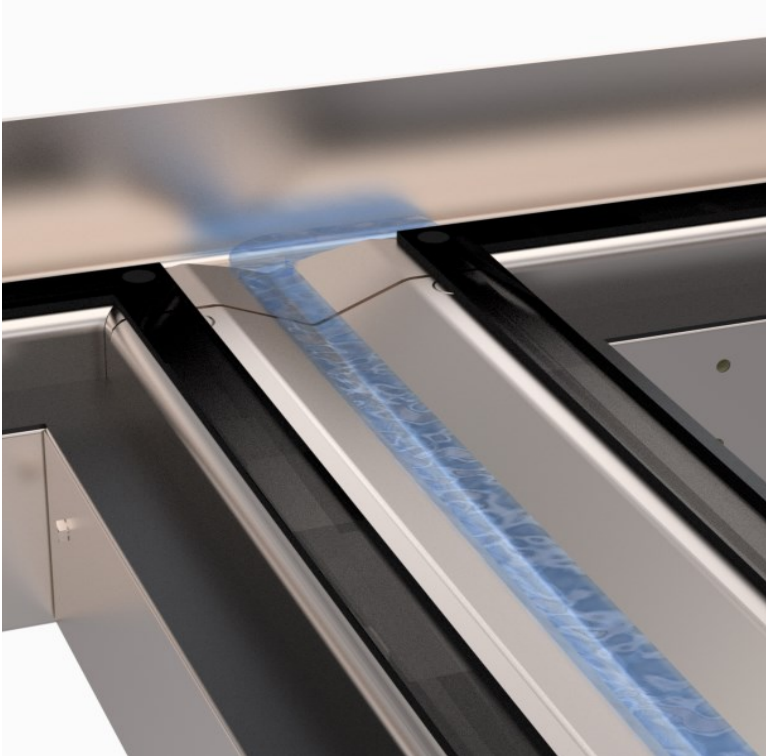
With it's layers of Intumescent Seal these covers have been proven to pass an Integrity Test of 180 minutes when tested with a Flaming Test, a Gap Gauge Test and a Cotton Pad Ignition Test.

In addition, with it's layers of fireboard cladding the underside of our covers, these manhole covers have passed the Insulation Test of 180 minutes.

These tests give it a 180 minute rating.



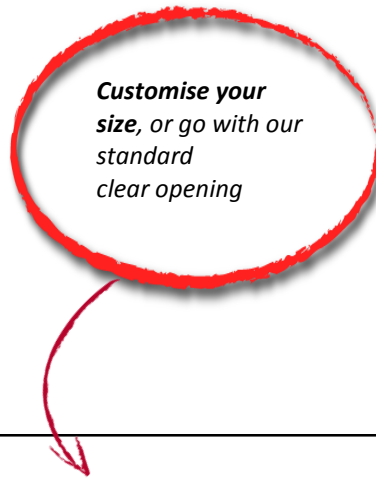
Water Management Channel System



To properly engage to water management channel system the manhole frame has 25mm diameter outlet which must be connected to a positive drainage outlet pipe and not just a soakaway.

KENT SINGLE TRAY SMALL FIRE RATED ACCESS COVER KFRAC600-600

Specify



Specify:
 Kent KFRAC600/600 Fire Rated Access Cover; 600mmx 600mm clear opening, 970mm x 970mm Visible Frame Size; Grade 316L Stainless Steel; Lockdown; Covers Recessed 80mm to take Concrete & Tiles (Alternatively 60mm Deep Pavers with Bedding); Integrated Water Management Channel with ½” BSP Drainage Point which must be connected to drainage system; 3rd Party Certified to give 180 Minute Fire Rating for Integrity and Insulation (Thermal Transfer); Loading 5kN/m² Eurocodes 2; Structural Design to Eurocodes 3

Other Options:

- Grade 304L Stainless
- Non Fire Rated Versions Available – Double Sealed

FACTA Class	Slow Moving wheel Loads	Kent Safety Test (Unfilled)
B	5T	10.1T

BSEN124	Slow Moving wheel Loads	Kent Safety Test (Unfilled)
B125	5.0T	12.5T



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