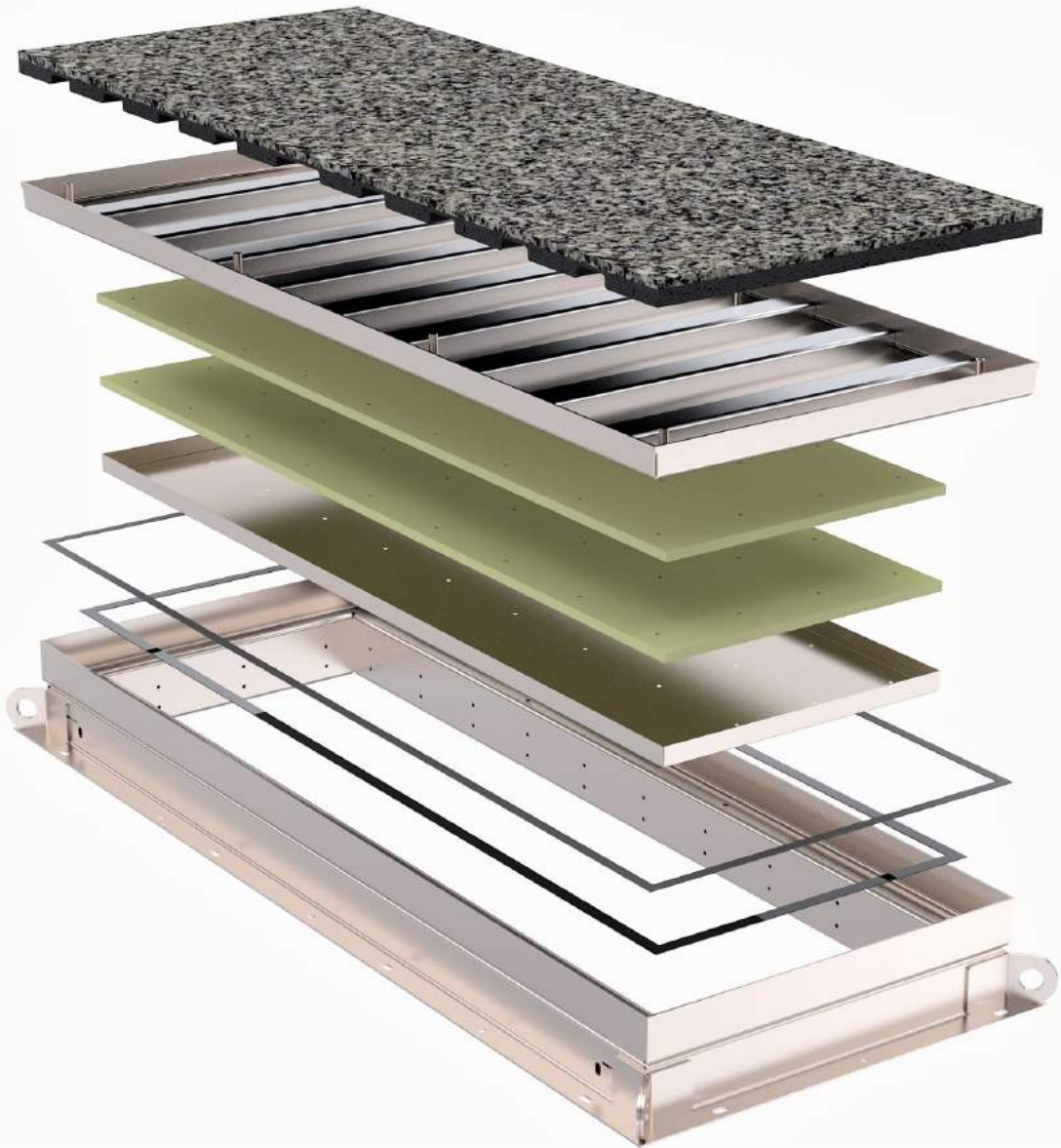


Kent Single Tray Fire Rated Access Cover



Kent
STAINLESS



KENT SINGLE TRAY FIRE RATED ACCESS COVER KFRAC1100-2500

KFRAC1100-2500 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.

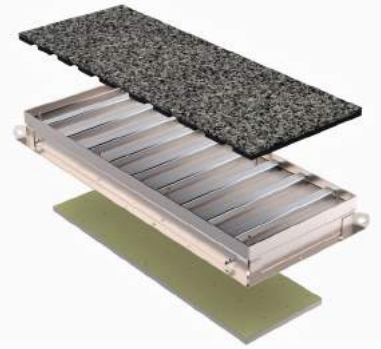
Their design also makes them watertight by default.

An 1100mm x 2500mm clear opening gives a 1470mm X 2870mm visible frame size.

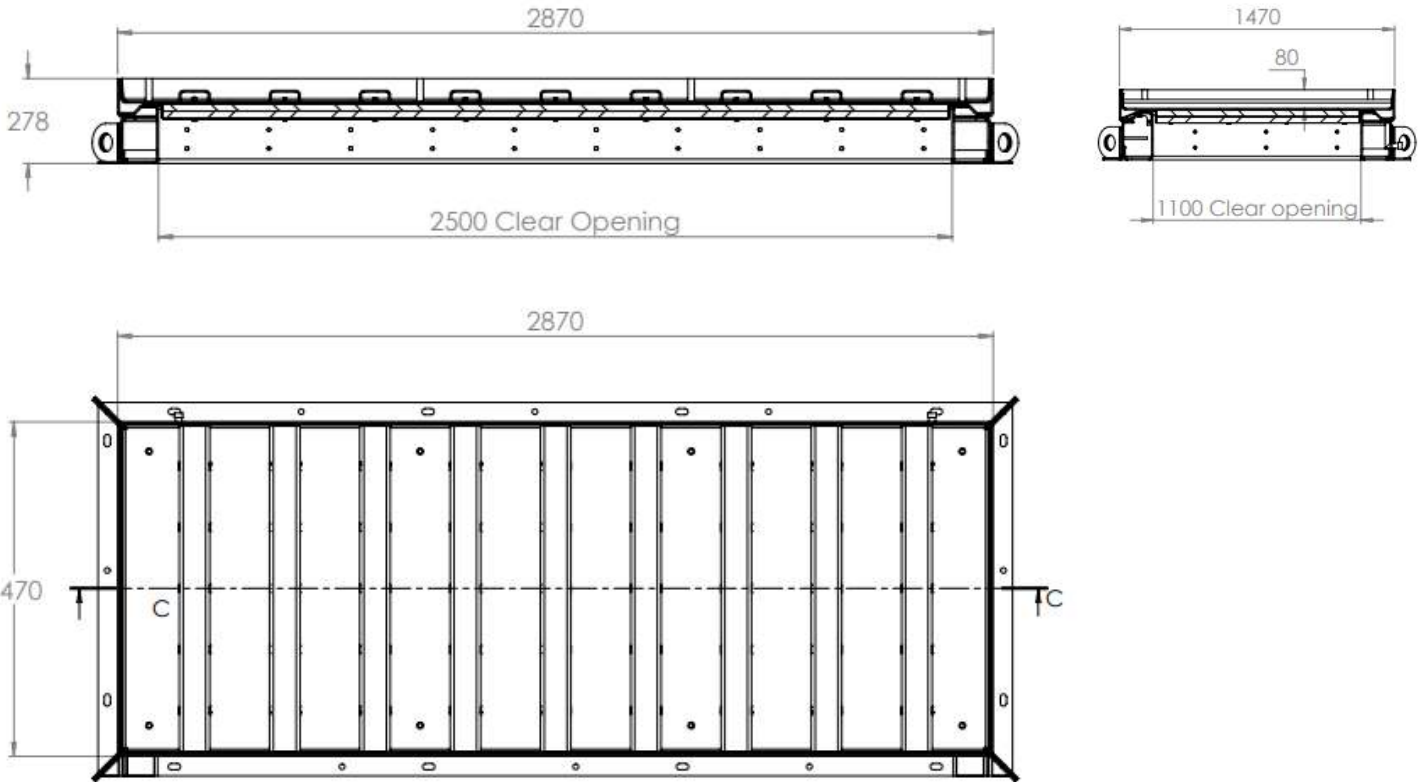
This is a large cover for equipment access – a crane is required to lift out the cover and would also be in place to remove or replace the equipment below.

Features:

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



KENT SINGLE TRAY FIRE RATED ACCESS COVER KFRAC1100-2500



Product Code	Clear Opening	Tray Depth	Overall Depth (ø)	Visible Frame Size
KFRAC1100-2500	1100mm x 2500mm	80mm	278mm	1470mm x 2870mm
KFRAC1100-2000	1100mm x 2000mm	80mm	278mm	1470mm x 2370mm
KFRAC1100-1500	1100mm x 1500mm	80mm	278mm	1470mm x 1870mm
KFRAC1100-1000	1100mm x 1000mm	80mm	278mm	1470mm x 1370mm



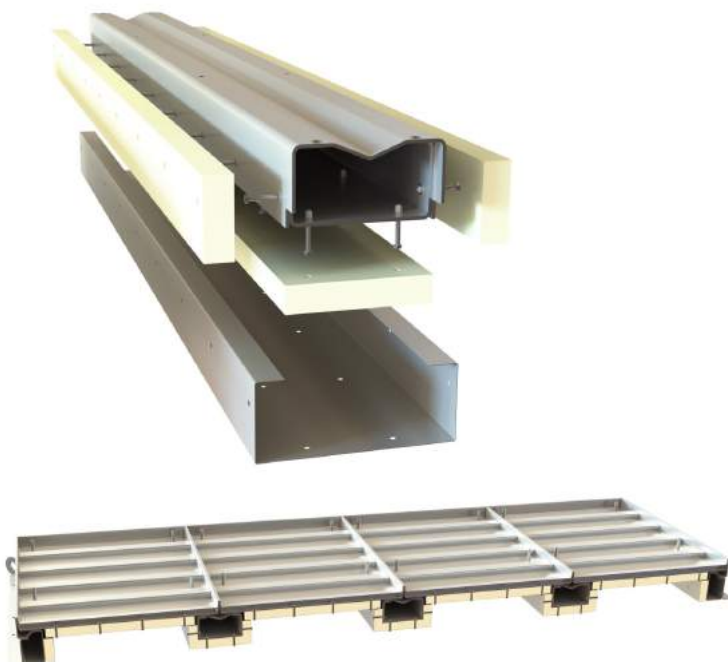
KENT SINGLE TRAY FIRE RATED ACCESS COVER KFRAC1100-2500

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 combustibile according to DIN 4102 and WN 13501, with a shrinkage threshold of 400°C.



KENT SINGLE TRAY FIRE RATED ACCESS COVER KFRAC100-2500

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3rd Party Certified

British Standard



Exova Test Report



150°C
Intumescent
Seal
400°C Fire
Cladding



Certifire



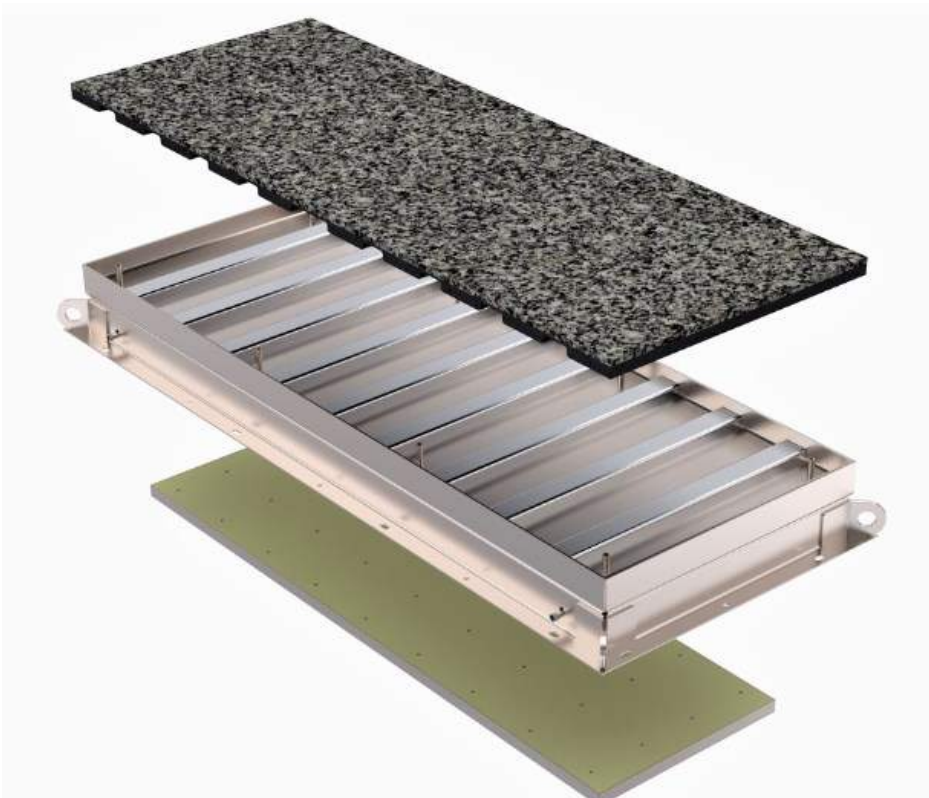
State of Qatar



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.

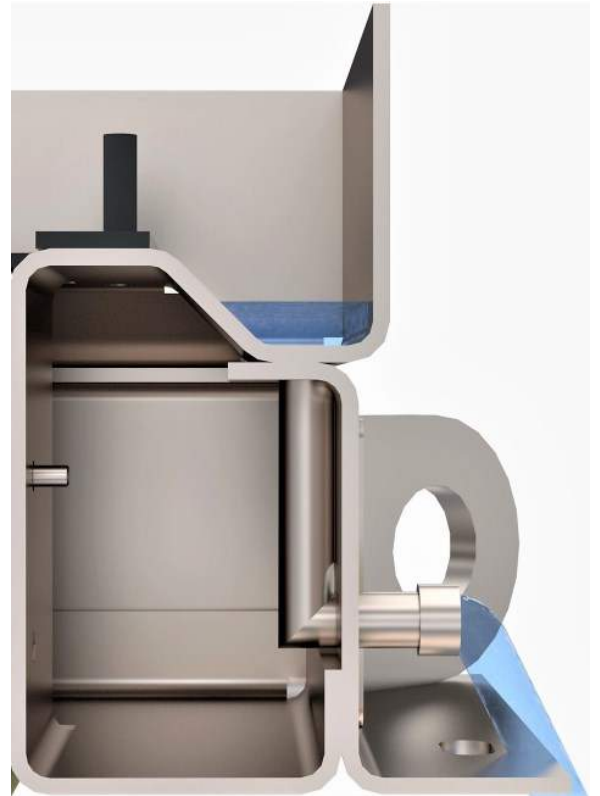
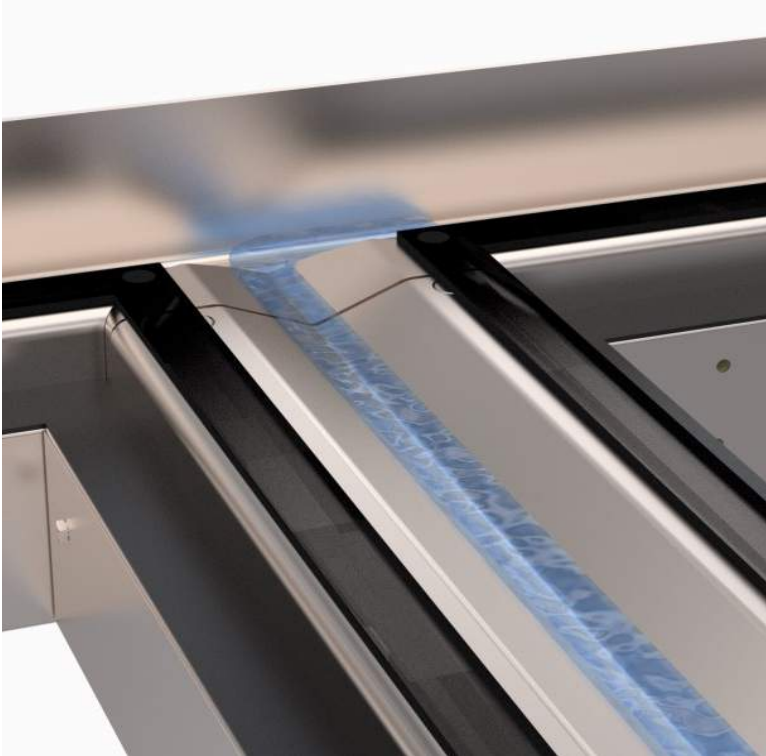
These tests give it a 180 minute rating.





KENT SINGLE TRAY FIRE RATED ACCESS COVER KFRAC1100-2500

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 FIRE RATED ACCESS COVER KFRAC1100-2500

Specify



Specify:
 Kent KFRAC1100/2500 Fire Rated Access Cover; 1100mmx 2500mm clear opening, 1470mm x 2870mm 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:

- Multi Tray Versions in Multiples of 1100mm Clear Opening
- 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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