

SHIELD® 600mm Hinged Cover and Frame

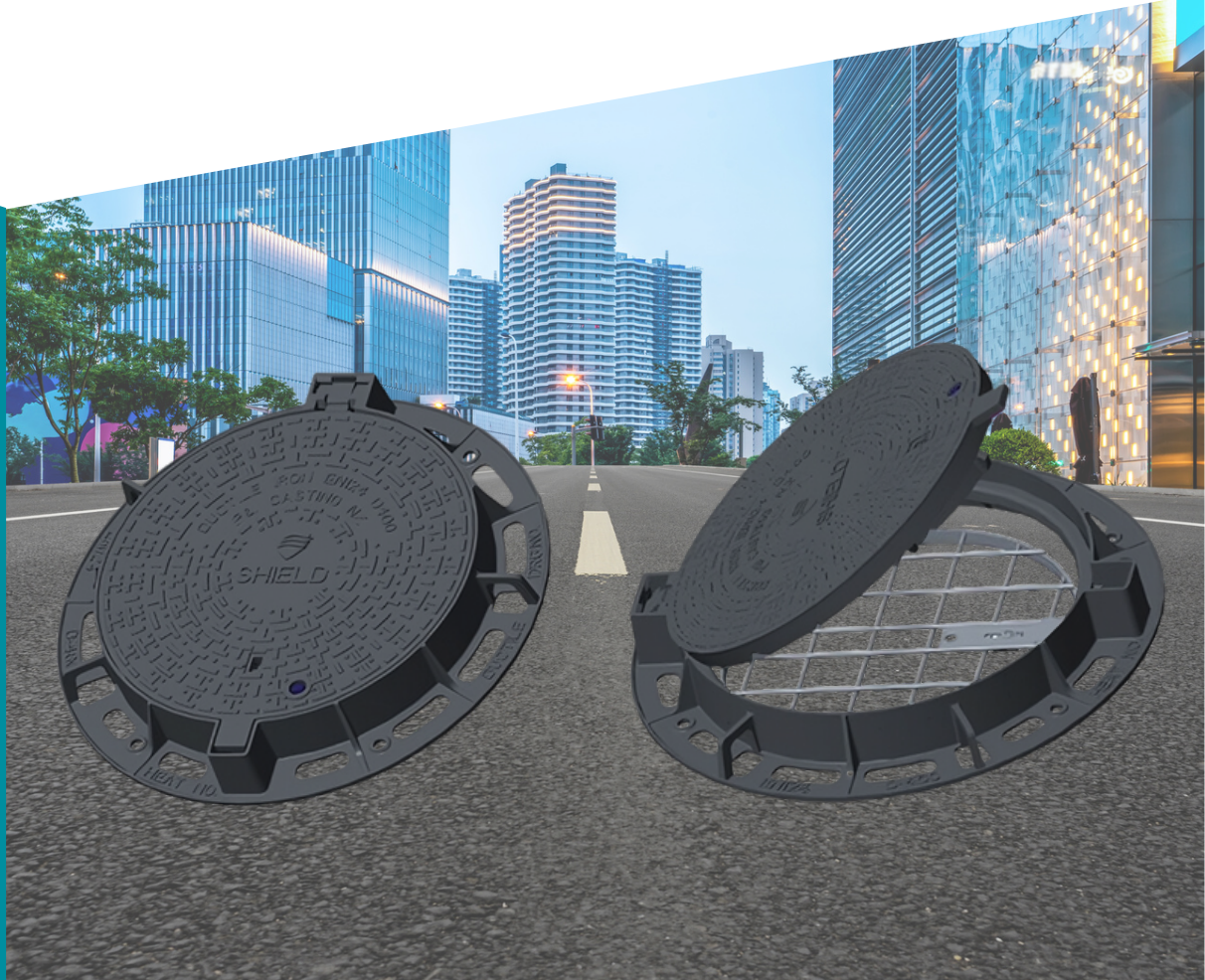


TECHNICAL GUIDE 4.8
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INTRO

The SHIELD® 600mm is a high performance, sealed and hinged cover and frame with greater watertightness. The prime feature of this cover and frame is the integrated Safety Grill that is tested to 10kN.

Unlike other manhole covers the removable stainless-steel Safety Grill does not sit on the rubber gasket therefore enhancing watertightness and eliminating noise from metal-to-metal contact.



DESIGN FEATURES

Integrated Safety Grill

EPDM gasket that limits water ingress and provides stability

Secured to frame with two flexible front and rear torsion spring bars

Able to be secured with a cam lock locking device.

Three equally appropriately spaced lifting handles for safe lifting

Able to be personalised e.g. local council logo

FIELD OF USE

All stormwater applications and wastewater applications

All traffic environments including high traffic

Where water sealing is a priority

CONTACT SUPPORT
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APPROVALS & STANDARDS

- Integrated Safety Grill independently tested by WSP Auckland to 10kN
- Cover and frame testing verified by SGS
- Manufactured to EN124 Class D, equivalent to AS3996:2006 Class E and exceeds HN-HO-72 load requirement

DIMENSIONS

All variants of the SHIELD® Hinged Cover and Frame have the following dimensions:

- Clear opening - 600mm
- External diameter – 845mm
- Total height – 100mm
- Total weight – 66kg

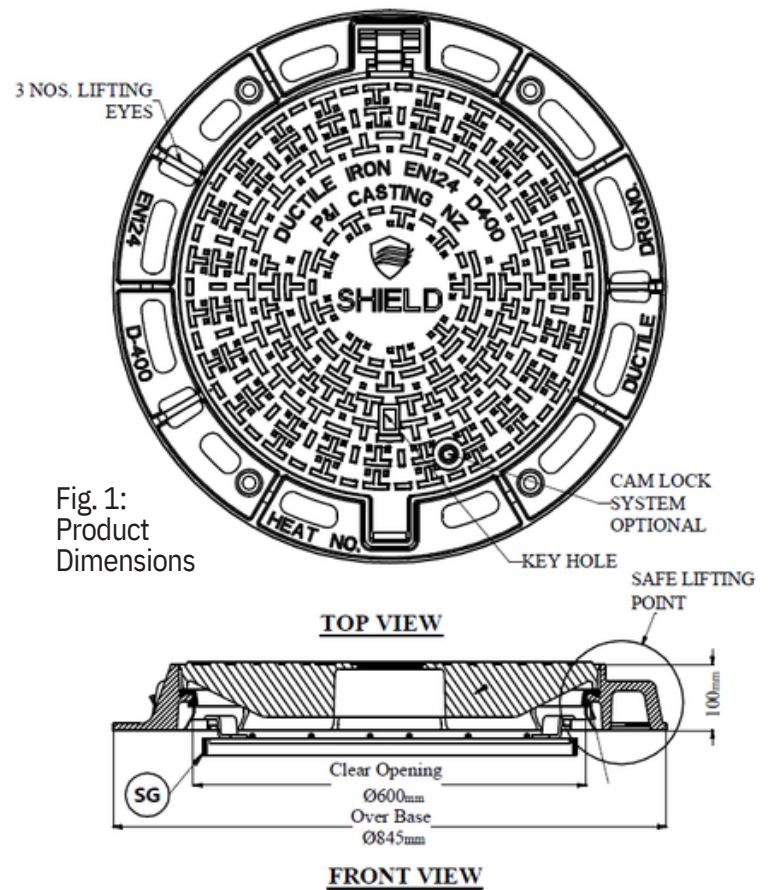


Fig. 1:
Product
Dimensions

PRODUCT CODE	PATTERN TYPE	DESCRIPTION
MHCFDI60SHSG-S	Standard Pattern	SHIELD® Standard MH Cover and Frame with Safety Grill Hinged Sealed 600mm D400
MHCFDI60SH-S	Standard Pattern	SHIELD® Standard MH Cover and Frame ONLY Hinged Sealed 600mm D400
MHCFDI60SHSGSW	Tauranga City Council Pattern	SHIELD® TCC MH Cover Stormwater, Frame with Safety Grill Hinged Sealed 600mm D400
MHCFDI60SHSGWW	Tauranga City Council Pattern	SHIELD® TCC MH Cover Wastewater, Frame with Safety Grill Hinged Sealed 600mm D400
MHCFDI60SHSW	Tauranga City Council Pattern	SHIELD® TCC Stormwater MH Cover and Frame ONLY Hinged Sealed 600mm D400
MHCFDI60SHWW	Tauranga City Council Pattern	SHIELD® TCC Wastewater MH Cover and Frame ONLY Hinged Sealed 600mm D400
MHCFDI60SH-R	-	SHIELD® EPDM Ring
SGSHIELD60	-	SHIELD® Stainless Steel Safety Grill - 1000KG Load Tested

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