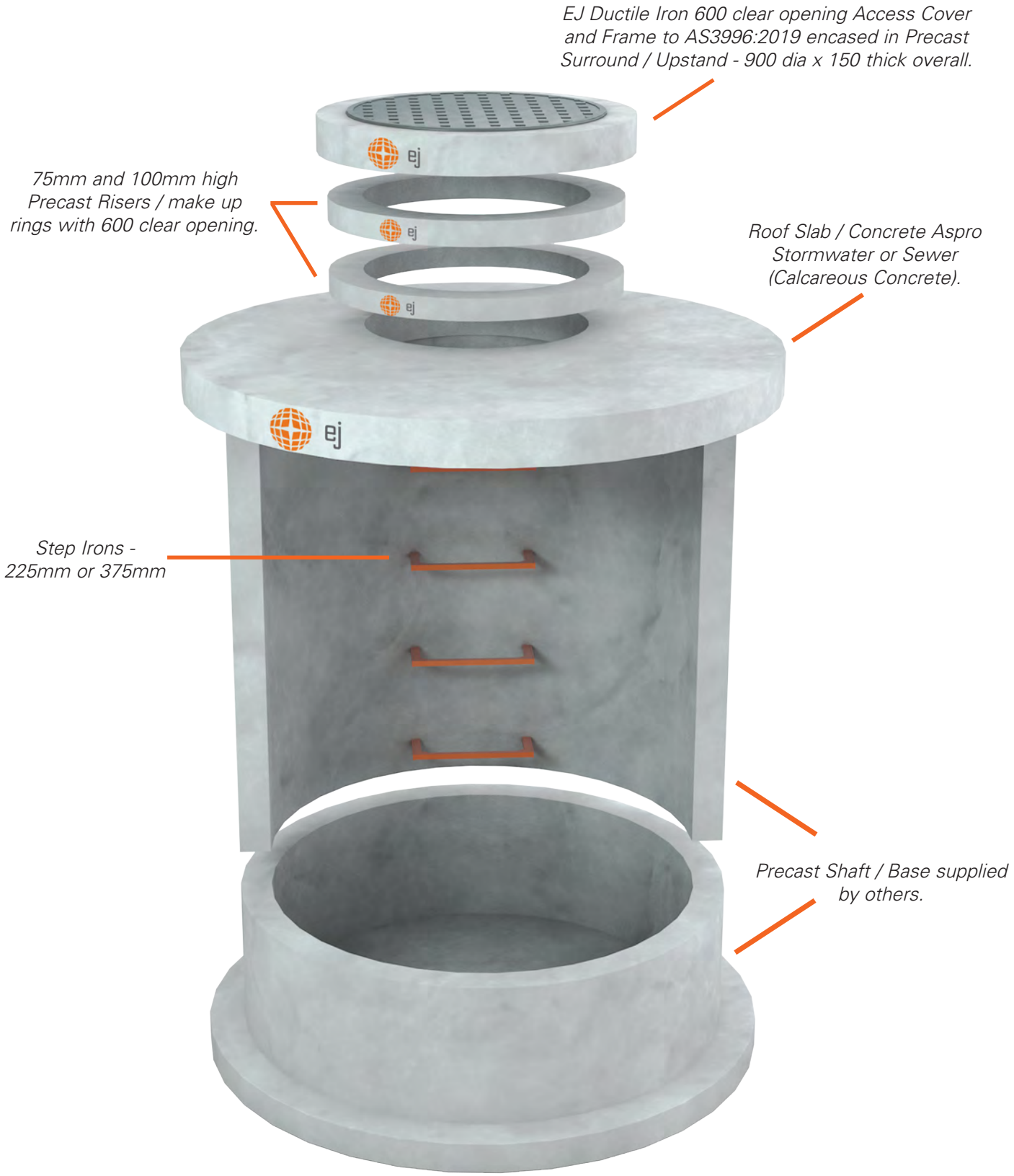
READY REFERENCE GUIDE
Precast Concrete Civil Products

PRECAST CONCRETE CIVIL PRODUCTS

For decades, EJ has been pairing cast-iron covers with pre-cast concrete products to make for easier, quicker, more cost-effective installations. EJ stocks a range of ready-to-install combinations or can custom-make for your project. They're factory finish quality eliminating the need for time-consuming, on-site forming up, pours and finishing. Here's a handy inventory of EJ ready to go combos.

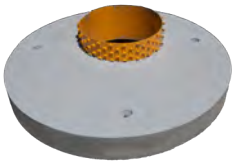


PRECAST CONCRETE SEWER

Sewer Concrete Aspros with 600 dia Hole

CALCAREOUS CONCRETE

Local Body	Description	Code	Mass (kg)
QUU & Unity Water	900 ID (1200 OD) x 150 Thick TYPE G	X900B	320
	900 ID (1200 OD) x 175 Thick TYPE G	X900D	375
	1200 ID (1500 OD) x 150 Thick TYPE F	X1200B	580
	1200 ID (1500 OD) x 175 Thick TYPE F	X1200D	680
	1200 ID (1650 OD) x 150 Thick TYPE X	X1200BOS	715
	1200 ID (1650 OD) x 175 Thick TYPE X	X1200DOS	840
	1500 ID (1970 OD) x 150 Thick TYPE Y	X1500B	1050
	1500 ID (1970 OD) x 200 Thick TYPE Y	X1500D	1550
	1800 ID (2300 OD) x 150 Thick TYPE Y	X1800B	1700
	1800 ID (2300 OD) x 200 Thick TYPE Y	X1800D	2200
Unity Water Gold Coast & SEQ	1050 ID (1350 OD) x 175 Thick	X1050DT	510
	1200 ID (1500 OD) x 200 Thick	X1200DT	780
	1500 ID (1970 OD) x 225 Thick	X1500DT	1400



CALCAREOUS COMPLETE WITH PE LINING

Local Body	Description	Code	Mass (kg)
QUU & Unity Water	900 ID (1200 OD) TYPE G x 150 Thick	X900BLIN	330
	900 ID (1200 OD) TYPE G x 175 Thick	X900DLIN	385
	1050 ID (1350 OD) x 150 Thick	X1050BLIN	450
	1050 ID (1350 OD) x 175 Thick	X1050DLIN	525
	1200 ID (1500 OD) x 150 Thick TYPE F	X1200BLIN	600
	1200 ID (1500 OD) x 175 Thick TYPE F	X1200DLIN	700
	1200 ID (1650 OD) x 150 Thick TYPE X	X1200BOSLIN	735
	1200 ID (1650 OD) x 175 Thick TYPE X	X1200DOSLIN	860
	1500 ID (1970 OD) x 150 Thick TYPE Y	X1500BLIN	1080
	1500 ID (1970 OD) x 200 Thick TYPE Y	X1500DLIN	1580
	1800 ID (1970 OD) x 150 Thick TYPE Y	X1800BLIN	1735
	1800 ID (2300 OD) x 250 Thick TYPE Y	X1800DLIN	2235

Sewer Ductile Iron Covers & Frames Encased in Concrete Surrounds

Local Body	Description	Code	Class
QUU	600 Dia INFILL Cover & Frame in 150 Thick Surround	XUA60BISEW	B
	600 Dia SOLID Cover & Frame in 150 Thick Surround	XUA60BSEW	B
	600 Dia SOLID Cover & Frame in 150 Thick Surround	XUA60DSEW	D
	MAESTRO Dia SOLID Cover & Frame HINGED in 150 Thick Surround	XMAESTROSEWQUU	E
Standard	600 Dia SOLID Cover & Frame in 150 Thick Surround	XLA60BSEW	B
	600 Dia SOLID Cover & Frame in 150 Thick Surround	XLA60DSEW	D
	610 Dia SOLID Cover & Frame Bolt Down in 150 Thick Surround	XTP800DSEW	D
	MAESTRO 600 Dia SOLID Cover & Frame HINGED in 150 Thick Surround	XMAESTROSEW	E

PRECAST CONCRETE STORMWATER

Stormwater Concrete Aspros with 600 dia Hole

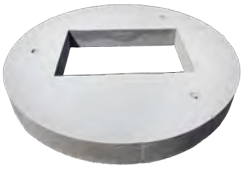
Local Body	Description	Code	Mass (kg)
IPWEAQ / Ipswich	1050 ID (1350 OD) x 175 Thick	X1050	510
	1050 ID (1500 OD) x 175 Thick	X1050OS	670
	1200 ID (1650 OD) x 175 Thick	X1200	820
	1350 ID (1830 OD) x 200 Thick	X1350	1140
	1500 ID (1970 OD) x 200 Thick	X1500	1360
	1800 ID (2300 OD) x 250 Thick	X1800	2480
	2100 ID (2600 OD) x 250 Thick	X2100	2825
BCC & Gold Coast	1050 ID (1350 OD) x 150 Thick	X1050LGA	430
	1200 ID (1650 OD) x 150 Thick	X1200LGA	705
	1350 ID (1830 OD) x 150 Thick	X1350LGA	830
	1500 ID (1970 OD) x 175 Thick	X1500LGA	1015

ELONGATED CONCRETE ASPROS

Local Body	Description	Code	Mass (kg)
IPWEAQ	1500 ID (2000 OD) x 225 Thick EXT 600	X1500ET6	2128
	1500 ID (2000 OD) x 225 Thick EXT 900	X1500ET9	2390
BCC & Gold Coast	1500 ID (1970 OD) x 175 Thick EXT 300	X1500E3LGA	1620
	1500 ID (1970 OD) x 175 Thick EXT 600	X1500E6LGA	1771
	1500 ID (1970 OD) x 175 Thick EXT 900	X1500E9LGA	2033

Stormwater Ductile Iron Covers & Frames Encased in Concrete Surrounds

Local Body	Description	Code	Class
BCC	600 Dia INFILL Cover & Frame in 150 Thick Surround	XUA60BISTW	B
	600 Dia SOLID Cover & Frame in 150 Thick Surround	XUA60BSTW	B
	600 Dia SOLID Cover & Frame in 150 Thick Surround	XUA60DSTW	D
Standard	600 Dia SOLID Cover & Frame in 150 Thick Surround	XLA60BSTW	B
	600 Dia SOLID Cover & Frame in 150 Thick Surround	XLA60DSTW	D
	610 Dia SOLID Cover & Frame Bolt Down in 150 Thick Surround	XTP800DSTW	D
	MAESTRO 600 Dia SOLID Cover & Frame HINGED in 150 Thick Surround	XMAESTROSTW	E



Stormwater Concrete Aspros with Non-Circular Openings

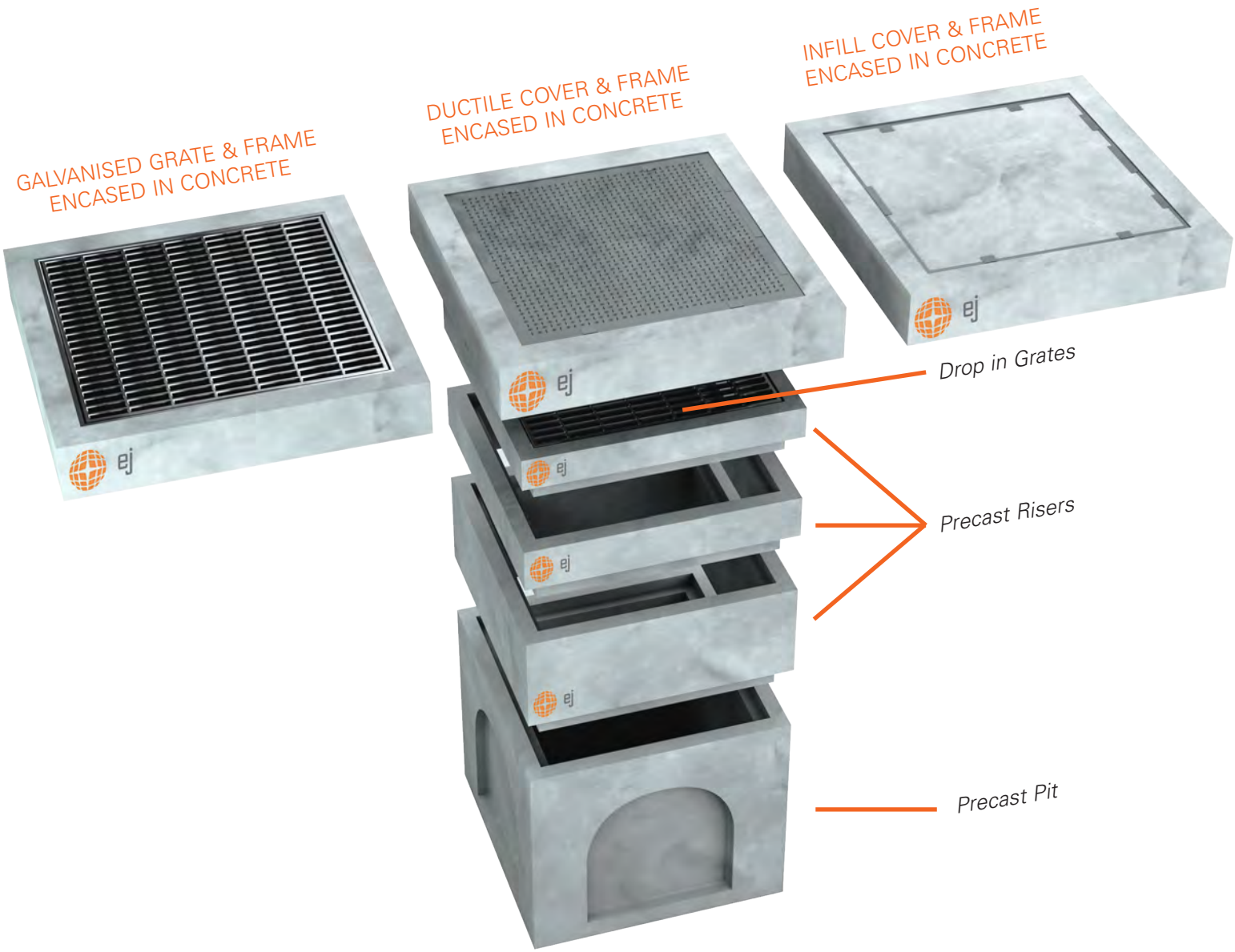
Local Body	Description	Hole Opening	Code
IPWEAQ	1050 ID (1350 OD) x 175 Thick	600 x 600	X105066
	1050 ID (1350 OD) x 175 Thick	900 x 600	X105096
	1050 ID (1500 OD) x 175 Thick	920 x 830 (RGU)	X1050R
	1200 ID (1650 OD) x 175 Thick	600 x 600	X120066
	1200 ID (1650 OD) x 175 Thick	900 x 600	X120096
	1200 ID (1650 OD) x 175 Thick	900 x 900	X120099
	1200 ID (1650 OD) x 175 Thick	920 x 830 (RGU)	X1200R
	1500 ID (1970 OD) x 200 Thick	600 x 600	X150066
	1500 ID (1970 OD) x 200 Thick	900 x 600	X150096
	1500 ID (1970 OD) x 200 Thick	900 x 900	X150099
	1500 ID (1970 OD) x 200 Thick	920 x 830 (RGU)	X1500R
BCC & Gold Coast	1050 ID (1350 OD) x 150 Thick	600 x 600	X105066LGA
	1050 ID (1350 OD) x 150 Thick	900 x 600	X105096LGA
	1050 ID (1500 OD) x 150 Thick	920 x 830 (RGU)	X1050RLGA
	1200 ID (1650 OD) x 150 Thick	600 x 600	X120066LGA
	1200 ID (1650 OD) x 150 Thick	900 x 600	X120096LGA
	1200 ID (1650 OD) x 150 Thick	900 x 900	X120099LGA
	1200 ID (1650 OD) x 150 Thick	920 x 830 (RGU)	X1200RLGA
	1500 ID (1970 OD) x 175 Thick	600 x 600	X150066LGA
	1500 ID (1970 OD) x 175 Thick	900 x 600	X150096LGA
	1500 ID (1970 OD) x 175 Thick	900 x 900	X150099LGA
	1500 ID (1970 OD) x 175 Thick	920 x 830 (RGU)	X1500RLGA

*Custom Fabricated slabs can be made upon request

Miscellaneous Items

Description	Code
75mm Precast Riser Ring (600 c/opening)	XR60S
100mm Precast Riser Ring (600 c/opening)	XR60L
225mm Step Irons	HM407S
375mm Step Irons	HM407L
C TECH 17mm TRI x 3.6mt Butyl Tape	BUTYLTAPE
Bostik Butyl Tape Primer - 1ltr Tin	BUTYLPRIMER
20 ltr Megapoxy P1 Kit 2 - Part Expoxy Resin	MPKIT20

PRECAST CONCRETE ENCASING & PIT SYSTEMS

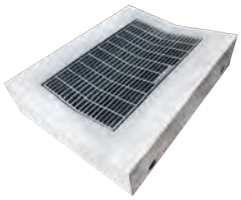


PRECAST CONCRETE ENCASING & PIT SYSTEMS

Galvanised Grates & Frames Encased in Concrete Surrounds

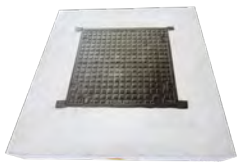
Overall Precast Dimensions	Grate Size	Code	Class
800 x 800 x 150 overall	450 x 450	XM4BB	B
800 x 800 x 200 overall	450 x 450	XM44D	D
1000 x 1000 x 150 overall	600 x 600	XM66B	B
1000 x 1000 x 200 overall	600 x 600	XM66D	D
1300 x 1000 x 150 overall	900 x 600	XM96B	B
1300 x 1000 x 200 overall	900 x 600	XM96D	D
1250 x 1250 x 150 overall	900 x 900	XM99B	B
1250 x 1250 x 200 overall	900 x 900	XM99D	D
1500 x 1500 x 150 overall	1200 x 1200	XM1212B	B
1500 x 1500 x 200 overall	1200 x 1200	XM1212D	D

VEE Grates & Frames in Concrete Surrounds



Overall Precast Dimensions	Grate Size	Code	Class
1000 x 1000 x 300 (Standard Vee)	600 x 600 Vee	XV66D	D
1300 x 1000 x 300 (Standard Vee)	900 x 600 Vee	XV96D	D
1250 x 1250 x 3000 (Standard Vee)	900 x 900 Vee	XV99D	D

Ductile Iron Solid (LA) / Infill (A) Covers & Frames Encased in Concrete Surrounds



Overall Precast Dimensions	Clear Opening	Code		Class
		SOLID	INFILL	
800 x 800 x 150 overall	450 x 450 c/o	XLA44B	XA44B	B
800 x 800 x 200 overall	450 x 450 c/o	XLA44DT	XA44DT	D
1000 x 1000 x 150 overall	600 x 600 c/o	XLA66B	XA66B	B
1000 x 1000 x 200 overall	600 x 600 c/o	XLA66DT	XA66DT	D
1300 x 1000 x 150 overall	900 x 600 c/o	XLA96B	XA96B	B
1300 x 1000 x 200 overall	900 x 600 c/o	XLA96DT	XA96DT	D
1250 x 1250 x 150 overall	900 x 900 c/o	XA99B	XA99B	B
1250 x 1250 x 200 overall	900 x 900 c/o	XA99DT	XA99DT	D

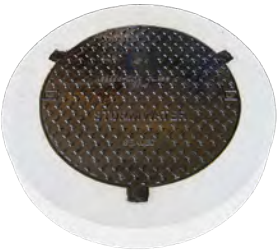
Polymer Concrete Pits

Description	Code
Polymer Concrete Pit 300 x 300 x 450 Deep	PCP33
Polymer Concrete Pit 450 x 450 x 600 Deep	PCP44
Polymer Concrete Pit 600 x 600 x 600 Deep	PCP66
Polymer Concrete Pit 900 x 600 x 600 Deep	PCP96
Polymer Concrete Pit 900 x 900 x 600 Deep	PCP99

*Precast Concrete Pits Available on Demand

Polymer Concrete Risers

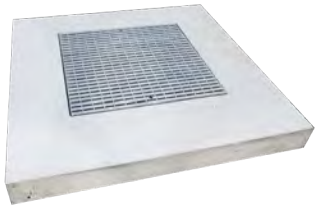
Description	Code
Polymer Concrete Riser 300 x 300 x 300 High	PCR33
Polymer Concrete Riser 450 x 450 x 300 High	PCR44
Polymer Concrete Riser 600 x 600 x 300 High	PCR66
Polymer Concrete Riser 900 x 600 x 300 High	PCR96
Polymer Concrete Riser 900 x 900 x 300 High	PCR99



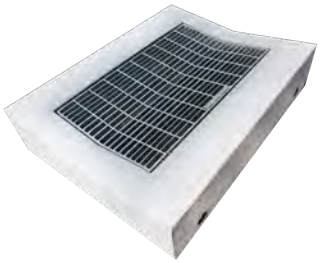
TP800D BOLT DOWN
COVER & FRAME

MAESTRO HINGED
COVER & FRAME

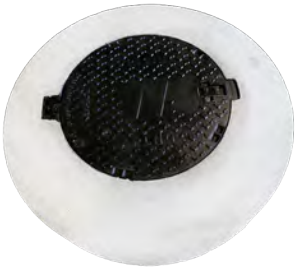
QUU MAESTRO HINGED
COVER & FRAME



HEELPROOF
GRATE & FRAME



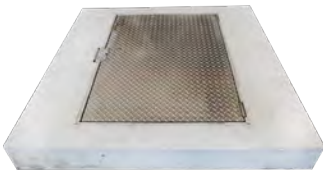
VEE
GRATE & FRAME



APLNG
COVER & FRAME

QUU INFILL
COVER & FRAME

INFILL
COVER & FRAME



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SAFETY HATCH

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