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CATALOGUE

Precast Concrete Catalogue

Infrastructure products for Western Australia.

Precast stormwater and sewer products for Western Australian civil and infrastructure work. Custom units available — talk to sales.

Stormwater · Sewer · Custom manufacture



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Precast Concrete by Hydra Storm



Introduction

At Hydra Storm, we specialise in the manufacture and supply of high-quality precast concrete products designed to meet the demanding requirements of civil, commercial, and infrastructure projects across Western Australia. Backed by over two decades of experience and a commitment to excellence, our products are trusted by contractors, engineers, and government bodies alike.

Our comprehensive range includes Water Corporation approved components such as Type 1 maintenance shaft bases, conversion slabs, make-up pieces, and covers. Hydra Storm's extesive experties in this area allow us to offer you a take-off service. Simply send us your drawings and we'll complete a detailed take-off to suit your project.

In addition, Hydra Storm offers an extensive selection of stormwater and drainage solutions tailored for subdivisional, municipal, and road infrastructure works. These include:

- Stormwater bases
- Grated covers (Galvanised and Cast Iron Wave Grates)
- Trafficable and non-trafficable manhole covers
- Side entry pits
- combination side entry pits
- Lintels
- Headwalls
- Spacer rings

Beyond our standard product line, Hydra Storm also specialises in custom precast solutions. Whether you require a unique one-off piece or large-scale components such as bridge supports, our in-house team can work with you to design and manufacture bespoke elements tailored to your project specifications.

From design to delivery, Hydra Storm is your reliable partner in precast concrete innovation, offering efficient lead times, local expertise, and a commitment to quality that ensures your infrastructure is built to last.



Sewer Components

Our Sewer Type 1 Manholes are designed and manufactured to meet the rigorous standards set by the Water Corporation of Western Australia. Commonly used across sewer reticulation networks and approved to a maximum installation depth of 7.5m.

Sewer Bases

Item no.	Description	Weight (kg)
S01	Sewer Manhole Base - Blank	840
S02	Sewer Manhole Base - Benched	344

Sewer Liners

Item no.	Description	Weight (kg)
LS01	1066 Dia x 300 Sewer Liner - No Steps	173
LS02	1066 Dia x 600 Sewer Liner - No Steps	352
LS03	1066 Dia x 900 Sewer Liner - No Steps	528
LS04	1066 Dia x 1200 Sewer Liner - No Steps	705
LS05	1066 Dia x 1500 Sewer Liner - No Steps	878
LS06	1066 Dia x 1800 Sewer Liner - No Steps	1057
LS07	1066 Dia x 2100 Sewer Liner - No Steps	1231
LS11	1066 Dia x 300 Sewer Liner - With staging Bars Installed	180
LS12	1066 Dia x 600 Sewer Liner - With staging Bars Installed	359
LS13	1066 Dia x 900 Sewer Liner - With staging Bars Installed	535
LS14	1066 Dia x 1200 Sewer Liner - With staging Bars Installed	712
LS15	1066 Dia x 1500 Sewer Liner - With staging Bars Installed	882
LS16	1066 Dia x 1800 Sewer Liner - With staging Bars Installed	1064
LS17	1066 Dia x 2100 Sewer Liner - With staging Bars Installed	1238

Sewer Covers

Item no.	Description	Weight (kg)
S11	2pt Class D Solid Top C/Iron Sewer Cover - Flush	630
S11-PVC	2pt Class D Solid Top C/Iron - 1430x1060x230mm PVC Lined	677
S12	2pt Class D Infill C/Iron Sewer Cover - R25	662
S12-PVC	2pt Class D Solid Top C/Iron - 1430x1060x230mm PVC Lined - R25	659
S13	2pt Class D Infill C/Iron Sewer Cover - R100	748
S23	2pt Class D Infill C/Iron enc, 1430x1070x230mm Flush	761
S30F	600 dia. Class D Sewer Cover - enc. 1200x200mm - Flush	475
S30R25	600 dia. Class D Sewer Cover - enc. 1200x200mm - R25	475
S30	600 dia. Class D Sewer Cover - enc. 1200x200mm - R100	475

Conversion Slabs & Spacers

Item no.	Description	Weight (kg)
S04	Sewer Conversion Slab - Suit 1066 Humes Liner	540
S05-100	Rectangular Spacer 1430x1070x100mm (Suit 2pt 900x600)	222
S05-150	Rectangular Spacer 1430x1070x150mm (Suit 2pt 900x600)	331

Accessories

Item no.	Description	Weight (kg)
S31	Butyl Mastic Tape	
S32	Mastic Primer	
S33	150mm Rubber Ring	
S34	225mm Rubber Ring	
S35	100mm Rubber Ring	

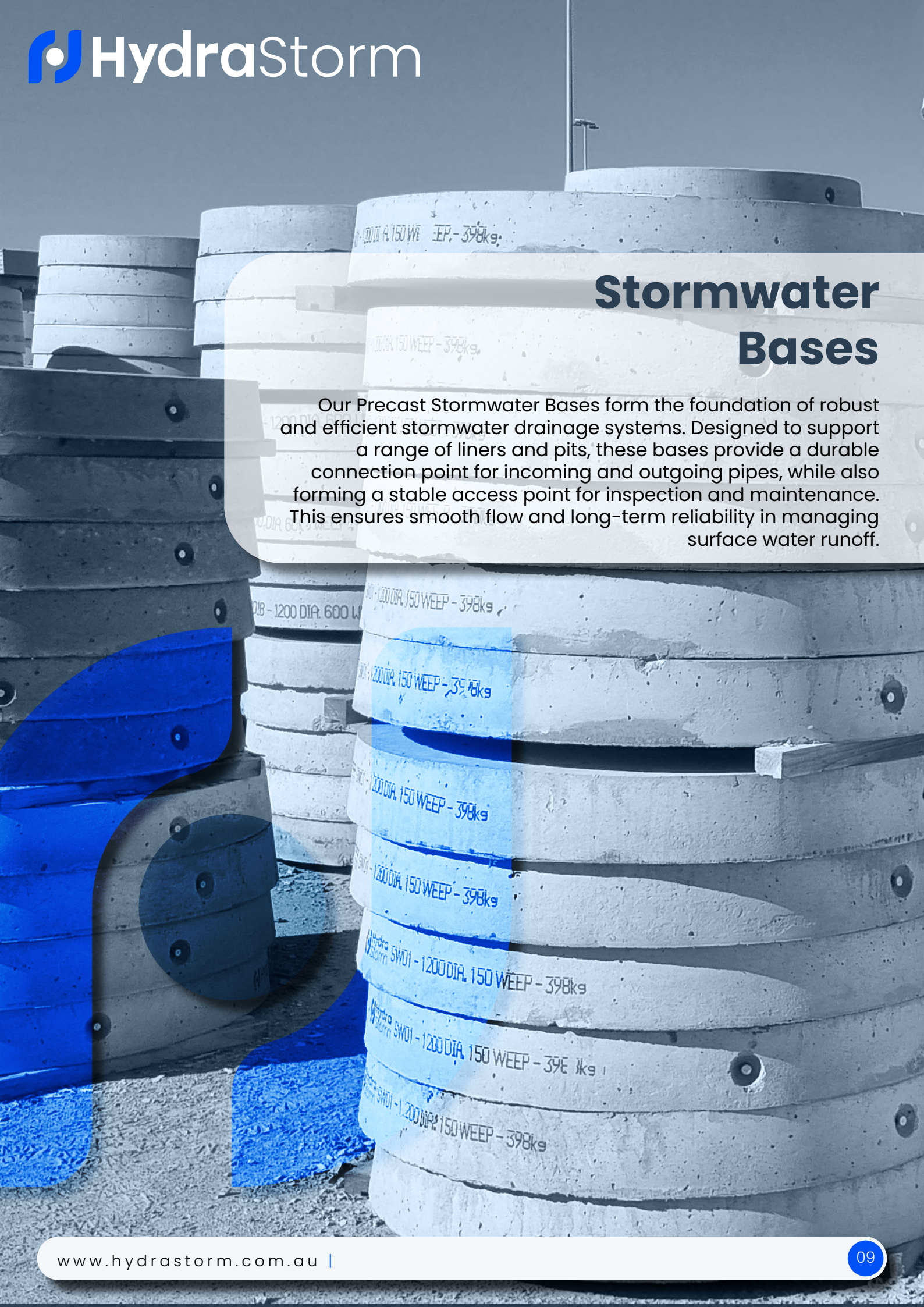
Encased Bends

Item no.	Description	Weight (kg)
S16	Encased 100mm 90deg Bend	29
S17	Encased 150mm 90deg Bend	86
S18	Encased I.S 150mm 90deg Bend	220
S18-225	Encased I.S 225mm 90deg Bend	850
S19	Encased Boundary Trap 'P' Type 100mm PVC	28
S29-150	Encased Boundary Trap 150mm PVC	28
S20	450x450x35mm Concrete IS Slab	12
S20P8L	P8 Sewer Junction 150x100x60° Encased - Left	184
S20P8R	P8 Sewer Junction 150x100x60° Encased - Right	184
S225P8L	P8 Sewer Junction 225x100x60° Encased - Left	338
S225P8R	P8 Sewer Junction 225x100x60° Encased - Right	338
S225P8L-150	P8 Sewer Junction 225x150x60° Encased - Left	650
S225P8R-150	P8 Sewer Junction 225x150x60° Encased - Right	650

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Stormwater Bases

Our Precast Stormwater Bases form the foundation of robust and efficient stormwater drainage systems. Designed to support a range of liners and pits, these bases provide a durable connection point for incoming and outgoing pipes, while also forming a stable access point for inspection and maintenance. This ensures smooth flow and long-term reliability in managing surface water runoff.



Stormwater Bases

Item no.	Description	Weight (kg)
SW00	1050 dia. x 150mm Gully Base	302
SW00B	1050 dia. x 150mm Gully Base - 600 hole	210
SW01	1200 Dia. x 150mm Gully Base - 150 hole	398
SW01B	1200 Dia. x 150mm Gully Base - 600 hole	310
SW01S	1200 Dia. x 150mm Gully Base - Solid	412
SW02	1300 Dia. x 150mm Gully Base - 150 hole	475
SW02B	1300 Dia. x 150mm Gully Base - 600 hole	39
SW02S	1300 Dia. x 150mm Gully Base - Solid	480
SW03	1400 Dia. x 150mm Gully Base - 150 hole	550
SW03B	1400 Dia. x 150mm Gully Base - 600 hole	465
SW03S	1400 Dia. x 150mm Gully Base - Solid	558
SW04-1650B	1650 dia. x 150mm Gully Base - 600 hole	660
SW04-1650-SF	1650 Dia. x 150mm Gully Base - Strip Footing	380
SW04	1750 dia. x 150mm Gully Base - 600 hole	750
SW04S	1750 dia. x 150mm Gully Base - Solid	699
SW04SF	1750 dia. x 150mm Gully Base - Strip Footing Base	483
SW05	2000 Dia. x 150mm Gully Base - 600 hole	1015
SW05S	2000 Dia. x 150mm Gully Base - Solid	1150
SW05SF	2000 Dia. x 150mm Gully Base - Strip Footing	723
CS60	2450 dia. x 200mm Gully Base	2300
CS30	2590 dia. x 200mm Gully Base	2605

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Stormwater Manhole Covers

We offer a full range of trafficable and non-trafficable covers to suit site-specific requirements:

- Trafficable covers are Class D rated, suitable for roads, industrial sites, and transport corridors.
- Non-trafficable covers are Class B rated, ideal for footpaths, reserves, and other areas where vehicle access is limited.

Non-Trafficable Manhole Covers

Item no.	Description	Weight (kg)
SW06	1050 Dia. Manhole Cover w/- Concrete Insert	265
SW07	1050 x 1050 Manhole Cover w/- Concrete Insert	323
SW08	1200 Dia. Manhole Cover w/- Concrete Insert	355
SW09	1200 x 1200 Manhole Cover w/- Concrete Insert	455
SW10	1400 Dia. Manhole Cover w/- Concrete Insert	498
SW11	1350 x 1350 Manhole Cover w/- Concrete Insert	597
SW12	1650 Dia. Manhole Cover w/- Concrete Insert	714
SW13	2050 Dia. Manhole Cover w/- Concrete Insert	1004
SW14	Stormwater Cover Insert - 750x75mm	80

Class D Trafficable Manhole Covers

Item no.	Description	Weight (kg)
SW-1050	600 dia. Cast Iron Cover - 1050 surround - Flush	330
SW-1050R100	600 dia. Cast Iron Cover - 1050 surround - R100	330
SW15	600 Dia. Cast Iron Cover - 1200 surround - Flush	470
SW16	600 Dia. Cast Iron Cover - 1200 surround - R25	470
SW17	600 Dia. Cast Iron Cover - 1200 surround - R100	475
SW18	600 Dia. Cast Iron Cover - 1400 surround - Flush	670
SW18R25	600 Dia. Cast Iron Cover - 1400 surround - R25	670
SW18R100	600 Dia. Cast Iron Cover - 1400 surround - R100	675
SW19	600 Dia. Cast Iron Cover - 1650 surround - Flush	895
SW19R25	600 Dia. Cast Iron Cover - 1650 surround - R25	895
SW19R100	600 Dia. Cast Iron Cover - 1650 surround - R100	590
SW20	600 Dia. Cast Iron Cover - 2000 surround - Flush	1400
SW20R25	600 Dia. Cast Iron Cover - 2000 surround - R25	1400
SW20R100	600 Dia. Cast Iron Cover - 2000 surround - R100	1394

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Stormwater Grated Covers

Our precast stormwater grates are built for efficient water capture and long-lasting performance in high-traffic areas. Ideal for roads, car parks, and urban infrastructure, they ensure safety and reliability.

Available in various sizes and finishes, these grates come in cast iron or galvanised steel to meet different functional and aesthetic needs. Each is engineered to meet load class ratings and local standards for trafficable installations.



Class D Circular Grated Covers

Item no.	Description	Weight (kg)
SW21	600 Dia. Cast Iron Grate -1200 surround - Flush	470
SW22	600 Dia. Cast Iron Grate -1200 surround - R25	470
SW23	600 Dia. Cast Iron Grate -1200 surround - R100	475
SW24	600 Dia. Cast Iron Grate -1400 surround - Flush	670
SW24R25	600 Dia. Cast Iron Grate -1400 surround - R25	670
SW24R100	600 Dia. Cast Iron Grate -1400 surround - R100	675
SW25	600 Dia. Cast Iron Grate -1650 surround - Flush	895
SW25R25	600 Dia. Cast Iron Grate -1650 surround - R25	895
SW25R100	600 Dia. Cast Iron Grate -1650 surround - R100	890
SW26	600 Dia. Cast Iron Grate -2000 surround - Flush	1050
SW26R25	600 Dia. Cast Iron Grate -2000 surround - R25	1050
SW26R100	600 Dia. Cast Iron Grate -2000 surround - R100	1137

Class D Wave Grates

Item no.	Description	Weight (kg)
SW27HD	1050x1050x150mm Cover w/- Wave Grate Flush	350
SW27WR25	1050x1050x150mm Cover w/- Wave Grate R25	350
SW27WR100	1050x1050x150mm Cover w/- Wave Grate R100	352
SW32	1200x1200x150mm Cover w/- Wave Grate Flush	467
SW32R25	1200x1200x150mm Cover w/- Wave Grate R25	467
SW32R40	1200x1200x150mm Cover w/- Wave Grate R40	467
SW32R100	1200x1200x150mm Cover w/- Wave Grate R100	480
SW35	1350x1350x150mm Cover w/- Wave Grate Flush	467
SW35R25	1350x1350x150mm Cover w/- Wave Grate R25	580
SW35R40	1350x1350x150mm Cover w/- Wave Grate R40	580
SW35R100	1350x1350x150mm Cover w/- Wave Grate R100	585
SW38	1750 Dia. x 150mm Cover w/- Wave Grate Flush	710
SW38R25	1750 Dia. x 150mm Cover w/- Wave Grate R25	710
SW38R40	1750 Dia. x 150mm Cover w/- Wave Grate R40	710
SW38R100	1750 Dia. x 150mm Cover w/- Wave Grate R100	720
SW39	2050 Dia. x 150mm Cover w/- Wave Grate Flush	1090
SW39WR25	2050 Dia. x 150mm Cover w/- Wave Grate R25	1090
SW39WR40	2050 Dia. x 150mm Cover w/- Wave Grate R40	1090
SW39R100	2050 Dia. x 150mm Cover w/- Wave Grate R100	1095

Class D Galvanised Grates

Item no.	Description	Weight (kg)
SW27G	Std Gully Grate - 1050x1050x150mm - Flush	286
SW27R25	Std Gully Grate - 1050x1050x150mm - R25	286
SW27R40	Std Gully Grate - 1050x1050x150mm - R40	286
SW28	Std Gully Grate - 1200x1200x150mm - Flush	440
SW28R25	Std Gully Grate - 1200x1200x150mm - R25	440
SW28R100	Std Gully Grate - 1200x1200x150mm - R100	450
SW28BU	Std Gully Grate - 1200x1200x150mm - Bubble Up	480
SW31	Std Gully Grate - 1350x1350x150mm - Flush	580
SW31R25	Std Gully Grate - 1350x1350x150mm - R25	580
SW31R100	Std Gully Grate - 1350x1350x150mm - R100	580
SW31BU	Std Gully Grate - 1350x1350x150mm - Bubble Up	598
SW37	Std Gully Grate - 1650 dia. x 150mm - Flush	710
SW37R25	Std Gully Grate - 1650 dia. x 150mm - R25	710
SW37R100	Std Gully Grate - 1650 dia. x 150mm - R100	710
SW37BU	Std Gully Grate - 1650 dia. x 150mm - Bubble Up	710
SW39	Std Gully Grate - 2050 dia. x 150mm - Flush	1030
SW39R25	Std Gully Grate - 2050 dia. x 150mm - R25	1030
SW39R100	Std Gully Grate - 2050 dia. x 150mm - R100	1040
SW39BU	Std Gully Grate - 2050 dia. x 150mm - Bubble Up	1080

Galvanised "V" Grates

Item no.	Description	Weight (kg)
SW28V	Std "V" Grate - 1200x1200x200mm - R25	580
SW31V	Std "V" Grate - 1350x1350x200mm - R25	765
SW37V	Std "V" Grate - 1650 dia. x 200mm - R25	930
SW39V	Std "V" Grate - 2000 dia. x 200mm - R25	1364

Galvanised Industrial Grates

Item no.	Description	Weight (kg)
SW34R25	Ind. Gully Grate - 1350x1350x150mm - R25	575
SW34R100	Ind. Gully Grate - 1350x1350x150mm - R100	580
SW34BU	Ind. Gully Grate - 1350x1350x150mm - Bubble Up	590
SW37IND	Ind. Gully Grate - 1750 dia. x 150mm - R25	690
SW37INDBU	Ind. Gully Grate - 1750 dia. x 150mm - Bubble Up	690
SW39IND	Ind. Gully Grate - 2000 Dia. x 150mm - R25	1180
SW39INDR40	Ind. Gully Grate - 2000 Dia. x 150mm - R40	1180
SW39INDBU	Ind. Gully Grate - 2000 dia. x 150mm - Bubble Up	1190

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Side Entry Pits and Components

Our Precast Stormwater Side Entry Pits and Components are purpose-built to deliver efficient stormwater capture and conveyance in urban and roadside drainage networks. Commonly installed along kerb lines, these units are essential for directing surface runoff into the underground stormwater system while maintaining traffic and pedestrian safety.



Combination Side Entry

Item no.	Description	Weight (kg)
SW40	Combination SEP Cover Galv. Grate - Flush	630
SW40R25	Combination SEP Cover Galv. Grate - R25	630
SW40R40	Combination SEP Cover Galv. Grate - R40	630
SW40WF	Combination SEP Cover Wave Grate - Flush	630
SW40WR25	Combination SEP Cover Wave Grate - R25	630
SW40WR40	Combination SEP Cover Wave Grate - R40	630
SW40BARR	Combination SEP Cover Wave Grate - Barrier - R25	630

Universal Side Entry

Item no.	Description	Weight (kg)
SW41	Universal SEP Deflector Slab - RH	737
SW42	Universal SEP Deflector Slab - LH	737
SW43	Universal SEP Deflector Slab - Plain	737
SW44	Universal Side Entry Pit Frame	126
SW45	Universal Side Entry Pit Lid	85

Special Side Entry

Item no.	Description	Weight (kg)
SW72	Special Side Entry Apron Rear Slab	180
SW73	Special Side Entry Front Slab - Plain	240
SW74	Special Side Entry Front Slab - Right	240
SW75	Special Side Entry Front Slab - Left	240
SW77	Special SEP Frame 1-Piece w/- 3x Angle Bars	185
SW77F	Special SEP Frame Front Double Angle	49
SW77R	Special SEP Frame Rear Special Double	68

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Stormwater Accessories

Accessories to compliment the make-up of stormwater maintenance shafts and culverts



Spacer Rings

Item no.	Description	Weight (kg)
SW51-100	Spacer Rings suit 940 liner - 100mm deep	60
SW51-150	Spacer Rings suit 940 liner - 150mm deep	90
SW52-100	Spacer Rings suit 1090 liner - 100mm deep	76
SW52-150	Spacer Rings suit 1090 liner - 150mm deep	114
SW53-100	Spacer Rings suit 1240 liner - 100mm deep	108
SW53-150	Spacer Rings suit 1240 liner - 150mm deep	162

Headwalls

Item no.	Description	Weight (kg)
SW57-225	Headwall to suit 225 pipe	385
SW57-300	Headwall to suit 300 pipe	385
SW57-375	Headwall to suit 375 pipe	385
SW57-450	Headwall to suit 450 pipe	385
SW57-525	Headwall to suit 525 pipe	770
SW57-600	Headwall to suit 600 pipe	770

Conversion Slabs

Item no.	Description	Weight (kg)
CS01	1650 dia. x 200mm w/- 900mm Offset Opening	691
CS02	2050 dia. x 200mm w/- 900mm Offset Opening	1160

Other

Item no.	Description	Weight (kg)
SW46	Cockburn Apron	518
SW47	Cockburn Semi- Mountable Cover	412
SW48	Cockburn Barrier Cover	412
SW54	Drainage Kerb Lintel	99
SW56	Lineal Soakage Unit 900x360x2000mm	635
SW56B	Lineal Soakage Unit Lid 900x90x2000mm	365
SW56EC	Lineal Soakage Unit - end cap	85

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Main Roads Western Australia (MRWA)

Our range of Precast Main Roads WA (MRWA) products is purpose-built to meet the stringent specifications and quality standards required for Western Australia's state road network. Designed for reliability, safety, and long-term performance, these precast components play a vital role in supporting MRWA-approved infrastructure projects across the state.



MRWA Covers

Item no.	Description	Weight (kg)
M01	MRWA GN Cover - 1500x1300x200mm w/- Galv MRWA Grate Flush	884
M16	MRWA GN Cover - 1650x200mm w/- Galv MRWA Grate Flush	997
M02	MRWA GT Cover - 1500x1300x230mm w/- Galv MRWA Grate R40	985
M03	MRWA GT Cover - 1650x230mm w/- Galv MRWA Grate R40	1109
M08	MRWA HN Cover - 1500x1300x200mm w/- Catchpit Grate	866
M06	MRWA HN Cover -1650x200mm w/- Catchpit Grate	944
M14	MRWA HN Cover - 2050 Dia. x 200mm w/- Catchpit Grate	1677
M04	MRWA WN Cover - 1500x1300x200mm w/- 2x Concrete Lids	810
M12	MRWA WN Cover - 1660 Dia. x 200mm w/- 2x Concrete Lids	820
M05-FLUSH	MRWA WT Cover - 1500x1300x230mm 2pt Class D FLUSH	990
M05	MRWA WT Cover - 1500x1300x230mm Class D 900x600 R40	990
M10-FLUSH	MRWA WT Cover - 1660 Dia. x 230mm 2pt Class D	972
M10	MRWA WT Cover - 1660 Dia. x 230mm 2pt Class D R40	972
M07	MRWA RT Cover - 1500x1300x230mm w/- 600 Dia. Class D R40	1045
M11	MRWA RT Cover - 1660 Dia. x 230mm w/- 600 Dia. Class D R40	1088
M09	MRWA RN Cover - 1500x1300x200mm w/- Concrete Insert	892
M13	MRWA RN Cover - 1660 Dia. x 200mm w/- Concrete Insert	940

Conversion Slabs

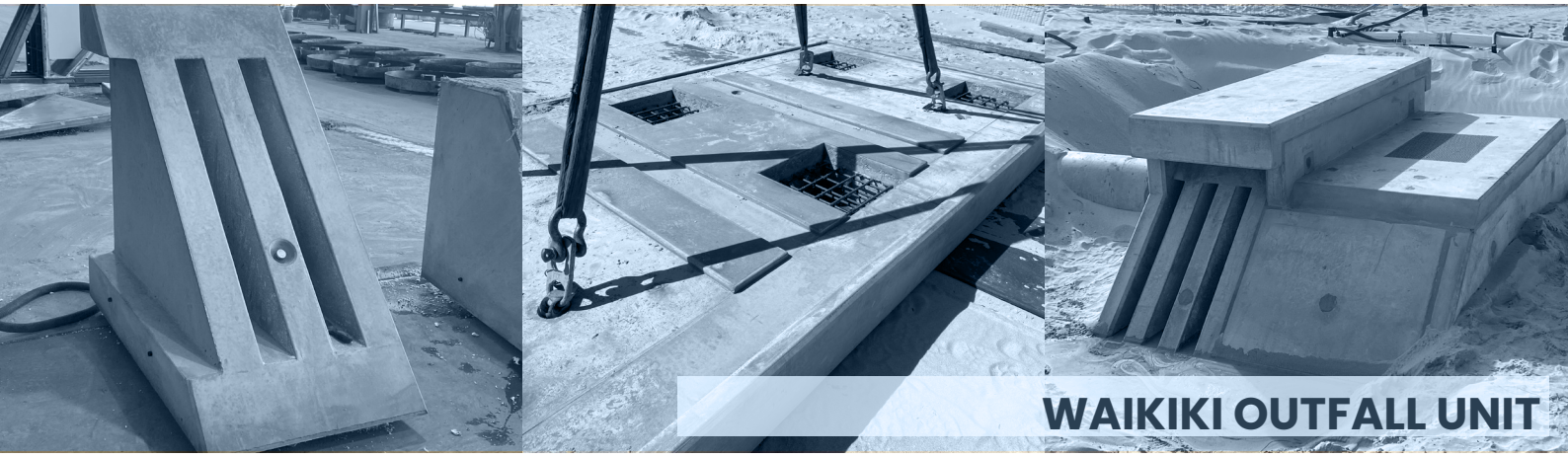
Item no.	Description	Weight (kg)
CS10	MRWA T2 Conversion - 2300 Dia. x 250mm w/- 900 Opening	2085
CS20	MRWA T3 Conversion - 2000 Dia. x 250mm w/- 900 Opening	1652
CS35	MRWA T1 Conversion - 2590 Dia. x 250mm w/- 900 Opening	2790

MRWA Bases

Item no.	Description	Weight (kg)
MB01B	1300 dia. x 150mm Gully Base - 600 hole MRWA	390
MB01S	1300 dia. x 150mm Gully Base - Solid MRWA	480
MB02B	1400 dia. x 150mm Gully Base - 600 hole MRWA	460
MB02S	1400 dia. x 150mm - Gully Base Solid MRWA	558
MB03B	1650 dia. x 150mm Gully Base - 600 hole MRWA	660
MB03S	1650 dia. x 150mm Gully Base Solid MRWA	756
MB04B	2000 dia. x 150mm Gully Base - 600 hole MRWA	1086
MB04S	2000 dia. x 150mm Gully Base Solid MRWA	1150

MRWA Side Entry

Item no.	Description	Weight (kg)
SW41	Universal SEP Deflector Slab - RH	737
SW42	Universal SEP Deflector Slab - LH	737
SW43	Universal SEP Deflector Slab - Plain	737
SW44-MRWA	Universal Side Entry Pit Frame MRWA (120mm throat)	130
SW45	Universal Side Entry Pit Lid	85



WAIKIKI OUTFALL UNIT



YANCHEP - DN1400 SEWER MAIN



FMG - FOUNDATION BLOCK





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