

Concrete Manhole Lids



Product Catalogue



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ABOUT HYNDS DRAINAGE

The privately owned Hynds Group of Companies is New Zealand's premier product supplier for the management of water and water based waste in the civil and rural infrastructure markets.

Overview

Established in 1973, Hynds is a family owned business which has built its reputation on customer service, customised solutions and innovation. The Hynds Group of Companies now comprise seven operating divisions involved in concrete, metal and plastics manufacturing, product importation, distribution and trade supply.

Hynds' extensive range of products provides fully integrated product solutions for civil drainage, pressure systems, environmental, and rural applications. Hynds' knowledgeable sales and technical team also work with contractors, consultants and councils to design customised solutions for complex drainage, water supply and waste treatment situations.

How To Find Us

Scan the QR codes on the following pages for further information on product, or contact your nearest Hynds Branch **0800 496 377**

www.hynds.co.nz





CONCRETE MANHOLE LIDS

Hynds manufacture a wide range of precast concrete manhole lids to suit manholes from 1050 mm Ø to 3200 mm Ø that are designed for the following specific load ratings:

Load Type	Description	Load Rating (kN)
5kN	Pedestrian - Footpaths, non traffic areas (available in Ø 1050 only)	5kN Wheel load
LD20	Lightly Trafficked Areas - Driveways, light vehicle only	20kN Wheel load
HD60	Residential and secondary roads where bridge rating design is not required	60kN Wheel load
HN-HO-72	Bridge manual loading. Major roads and state highways.	60-120kN Wheel load

FEATURES

- Proven performance
- Strength and durability
- Versatility - able to be adjusted on site to suit conditions
- Manufactured to NZS 3101:2006
- The lids vary in thickness from 100 mm to 225 mm depending on the manhole size and load rating. All lids are clearly marked with their item code which will designate their design loading.
- Note: Refer to Code Key on page 19 for guidance.

UNDERSTANDING OUR RANGE

Our range is now reorganised to reflect what products are part of our everyday range & what products require specific design and manufacture.

STANDARD RANGE

Our Standard Range products cover majority of the everyday applications and are generally stocked.

MTO (MADE TO ORDER)

Our MTO products are made specifically for the customers order and will not be held in stock.

CUSTOM

Our Custom Range products are designed and manufactured specifically for a one-off application. Customers will be required to check drawings before manufacturing can commence.

NEW RANGE CONCRETE MANHOLE LIDS

Ø1050 mm

Product Code	Thickness (mm)	Loading (kN)	Weight (t)
<i>Standard</i>			
Offset Ø535 mm			
LD10150HD5	150	HD60	0.345
LD10200HN5	200	HN-HO-72	0.454
Offset Ø600 mm			
LD10150HD6	150	HD60	0.323
LD10200HN6	200	HN-HO-72	0.423
<i>MTO (Made To Order)</i>			
Offset Ø535 mm			
LD10100P5	100	5kN	0.227
Offset Ø600 mm			
LD10100P6	100	5kN	0.210
Hole Centre Ø535 mm			
LD10100P5HC	100	5kN	0.227
LD10150HD5HC	150	HD60	0.345
LD10200HN5HC	200	HN-HO-72	0.454
Hole Centre Ø600 mm			
LD10100P6HC	100	5kN	0.210
LD10150HD6HC	150	HD60	0.323
LD10200HN6HC	200	HN-HO-72	0.423
Closed			
LD10100PCL	100	5kN	0.285
LD10150HDCL	150	HD60	0.424
LD10200HNCL	200	HN-HO-72	0.566



Ø1200 mm

Product Code	Thickness (mm)	Loading (kN)	Weight (t)
<i>Standard</i>			
Offset Ø535mm			
LD12150HD5	150	HD60	0.462
LD12200HN5	200	HN-HO-72	0.609
Offset Ø600mm			
LD12150HD6	150	HD60	0.439
LD12200HN6	200	HN-HO-72	0.579
<i>MTO (Made To Order)</i>			
Hole Centre Ø535mm			
LD12150HD5HC	150	HD60	0.462
LD12200HN5HC	200	HN-HO-72	0.609
Hole Centre Ø600mm			
LD12150HD6HC	150	HD60	0.439
LD12200HN6HC	200	HN-HO-72	0.579
Closed			
LD12150HDCL	150	HD60	0.546
LD12200HNCL	200	HN-HO-72	0.721

Ø1400 mm

Product Code	Thickness (mm)	Loading (kN)	Weight (t)
<i>Standard</i>			
Offset Ø535mm			
LD14150HD5	150	HD60	0.614
LD14200HN5	200	HN-HO-72	0.809
Offset Ø600mm			
LD14150HD6	150	HD60	0.591
LD14200HN6	200	HN-HO-72	0.779
<i>MTO (Made To Order)</i>			
Hole Centre Ø535mm			
LD14200HN5HC	200	HN-HO-72	0.809
Hole Centre Ø600mm			
LD14200HN6HC	200	HN-HO-72	0.779
Closed			
LD14200HNCL	200	HN-HO-72	0.921

Ø1500 mm

Product Code	Thickness (mm)	Loading (kN)	Weight (t)
<i>Standard</i>			
Offset Ø535mm			
LD15150HD5	150	HD60	0.763
LD15200HN5	200	HN-HO-72	1.000
Offset Ø600mm			
LD15150HD6	150	HD60	0.740
LD15200HN6	200	HN-HO-72	0.976
<i>MTO (Made To Order)</i>			
Hole Centre Ø535mm			
LD15200HN5HC	200	HN-HO-72	1.000
Hole Centre Ø600mm			
LD15200HN6HC	200	HN-HO-72	0.976
Closed			
LD15200HNCL	200	HN-HO-72	1.112

Ø1650 mm

Product Code	Thickness (mm)	Loading (kN)	Weight (t)
<i>Standard</i>			
Offset Ø535mm			
LD16150HD5	150	HD60	0.936
LD16200HN5	200	HN-HO-72	1.234
Offset Ø600mm			
LD16150HD6	150	HD60	0.913
LD16200HN6	200	HN-HO-72	1.204
<i>MTO (Made To Order)</i>			
Offset Ø710mm			
LD16200HN7	200	HN-HO-72	1.148
Hole Centre Ø530mm			
LD16200HN5HC	200	HN-HO-72	1.234
Hole Centre Ø600mm			
LD16200HN6HC	200	HN-HO-72	1.204
Closed			
LD16200HNCL	200	HN-HO-72	1.346

Ø1800 mm

Product Code	Thickness (mm)	Loading (kN)	Weight (t)
<i>Standard</i>			
Offset Ø600mm			
LD18150HD6	150	HD60	1.110
LD18200HN6	200	HN-HO-72	1.462
<i>MTO (Made To Order)</i>			
Offset Ø710mm			
LD18200HN7	200	HN-HO-72	1.406
Hole Centre Ø600mm			
LD18200HN6HC	200	HN-HO-72	1.462
Closed			
LD18200HNCL	200	HN-HO-72	1.604

Ø2050 mm

Product Code	Thickness (mm)	Loading (kN)	Weight (t)
<i>Standard</i>			
Offset Ø600mm			
LD20225HN6	225	HN-HO-72	2.071
<i>MTO (Made To Order)</i>			
Offset Ø600mm			
LD20200HD6	200	HD60	1.829
Offset Ø710mm			
LD20225HN7	225	HN-HO-72	2.008
Hole Centre Ø600mm			
LD20225HN6HC	225	HN-HO-72	2.071
Closed			
LD20225HNCL	225	HN-HO-72	2.230

Ø2300 mm

Product Code	Thickness (mm)	Loading (kN)	Weight (t)
<i>Standard</i>			
Offset Ø600mm			
LD23225HN6	225	HN-HO-72	2.820
<i>MTO (Made To Order)</i>			
Offset Ø600mm			
LD23200HD6	200	HD60	2.495
Offset Ø710mm			
LD23225HN7	225	HN-HO-72	2.754
Hole Centre Ø600mm			
LD23225HN6HC	225	HN-HO-72	2.820
Closed			
LD23225HNCL	225	HN-HO-72	2.976

Ø2550 mm

Product Code	Thickness (mm)	Loading (kN)	Weight (t)
<i>Standard</i>			
Offset Ø600mm			
LD25225HN6	225	HN-HO-72	3.480
<i>MTO (Made To Order)</i>			
Offset Ø600mm			
LD25200HD6	200	HD60	3.069
Offset Ø710mm			
LD25225HN7	225	HN-HO-72	3.430
Hole Centre Ø600mm			
LD25225HN6HC	225	HN-HO-72	3.480
Closed			
LD25225HNCL	225	HN-HO-72	3.636

Ø3000 mm

Product Code	Thickness (mm)	Loading (kN)	Weight (t)
<i>Standard</i>			
Offset Ø600mm			
LD30200HD6	200	HD60	4.220
<i>MTO (Made To Order)</i>			
Offset Ø600mm			
LD30225HN6	225	HN-HO-72	4.770
Offset Ø710mm			
LD30225HN7	225	HN-HO-72	4.704
Hole Centre Ø600mm			
LD30225HN6HC	225	HN-HO-72	4.770
Closed			
LD30225HNCL	225	HN-HO-72	4.926

Ø3200 mm

Product Code	Thickness (mm)	Loading (kN)	Weight (t)
<i>Standard</i>			
Offset Ø600mm			
LD32225HN6	225	HN-HO-72	5.426
<i>MTO (Made To Order)</i>			
Offset Ø600mm			
LD32200HD6	200	HD60	4.836
Offset Ø710mm			
LD32225HN7	225	HN-HO-72	5.363
Hole Centre Ø600mm			
LD32225HN6HC	225	HN-HO-72	5.426
Closed			
LD32225HNCL	225	HN-HO-72	5.585

Hyseal Offset Ø600 mm

Product Code	Thickness (mm)	Loading (kN)	Weight (t)
<i>MTO (Made To Order)</i>			
1050 mm			
LD10175HDS6	175	HD60	0.600
LD10200HNS6	200	HN-HO-72	0.700
1200 mm			
LD12175HDS6	175	HD60	0.760
LD12200HNS6	200	HN-HO-72	0.860
1500 mm			
LD15200HDS6	150	HD60	1.410
LD15200HNS6	200	HN-HO-72	1.420
LD15200HNS7	200	HN-HO-72	1.350



HYNDS
HYSEAL

HYNDS
HYSEAL

50600S

EXISTING COUNCIL SPECIFIC & OTHER CONCRETE MANHOLE LIDS

Hamilton City Council Ø650 mm OPENING

Product Code	Thickness (mm)	Loading (kN)	Weight (t)
1050 mm			
LD1050150HCC.TS	150	Designed by HCC	0.391
1200 mm			
LD1200150HCC.TS	150	Designed by HCC	0.600
1400 mm			
LD1400150HCC.TS	150	Designed by HCC	0.647
LD1400200HCC.TS	200	Designed by HCC	0.919
1500 mm			
LD1500200HCC.TS	200	Designed by HCC	1.283
1650 mm			
LD1650200HCC.TS	200	Designed by HCC	1.195
1800 mm			
LD1800200HCC.TS	200	Designed by HCC	1.735
2050 mm			
LD2050250HCC.TS	250	Designed by HCC	2.498
2300 mm			
LD2300250HCC.TS	250	Designed by HCC	3.076
2550 mm			
LD2550250HCC.TS	250	Designed by HCC	3.9

Other Lids

Product Code	Thickness (mm)	Loading (kN)	Weight (t)	Opening Size (mm)	Opening Location	Typical Use
1200 mm						
LD12200HDR6x4	200	HD60	0.587	600 x 400	Offset	Smart Pod 1
LD12225HNR6x7	225	HN-HO-72	0.62	600 x 700	Offset	Wastewater Pump Station
1500 mm						
LD15225HNR6x9	225	HN-HO-72	1.027	600 x 900	Offset	Wastewater Pump Station
1800 mm						
LD18225HNR6x9	225	HN-HO-72	1.584	600 x 900	Offset	Wastewater Pump Station
2050 mm						
LD20200AQUAFIX	200	HD60	1.83	2x Ø530	Offset	Aquafix
2550 mm						
LD2550200H2	200	HD60	3.11	2x Ø600	Offset	Downstream Defender
3000 mm						
LD3000200.2H	200	HD60	4.37	2x Ø530	Offset	Downstream Defender
LD3000200.3H	200	HD60	4.10	3x Ø530	Offset	Downstream Defender

Christchurch Circular Lids Ø600 mm OPENING

Product Code	Thickness (mm)	Loading (kN)	Weight (t)
LD10255HN6HCRCH	255	HN-HO-72	0.488

Christchurch Circular Lids 560 x 433 Square OPENING

Product Code	Length x Width (mm)	Thickness (mm)	Loading (kN)	Weight (t)
1050 mm				
LD1050RCHS	560 x 433	250	Designed by CCC	-

Christchurch Circular Lids 560 x 433 Square with Vent OPENING

Product Code	Length x Width (mm)	Thickness (mm)	Loading (kN)	Weight (t)
1050 mm				
LD1050RVCHS	560 x 433	250	Designed by CCC	-

Christchurch Square Lids Ø530 mm OPENING

Product Code	Length x Width (mm)	Thickness (mm)	Loading (kN)	Weight (t)
1200 mm				
LD1200SCH	1200 x 1200	200	Designed by CCC	-

Christchurch Square Lids Ø600 mm OPENING

Product Code	Length x Width (mm)	Thickness (mm)	Loading (kN)	Weight (t)
1200 mm				
LD1200SCH610	1200 x 1200	200	Designed by CCC	-

MANHOLE LIDS SUPERCESSION LIST

This list provides the replacement codes for our existing range of codes only.

Note: There will be no new codes for the following; 530 openings from Ø1800mm and greater, 150mm thick from Ø2050mm and greater. Existing codes will stay until all stock has been run out and then these codes will be removed from the range.

1050mm Lids

Old Item Code	Old Item Name	New Item Code	New Item Name
LD1050100	Lid 1050100 530 Hole	LD10100P5	Lid MH 1050x100 5kN 535 Hole
LD1050100600	Lid 1050100 600 Hole	LD10100P6	Lid MH 1050x100 5kN 600 Hole
LD1050100C	Lid 1050100 Closed	LD10100PCL	Lid MH 1050x100 5kN Closed
LD1050100M	Lid 1050100 530 Hole Mlbrgh	LD10100P5	Lid MH 1050x100 5kN 535 Hole
LD1050100N	Lid 1050100 600 Hole Nlsn	LD10100P6	Lid MH 1050x100 5kN 600 Hole
LD1050100NC	Lid 1050100 530 Hole No Clamp	LD10100P5	Lid MH 1050x100 5kN 535 Hole
LD1050100PF	Lid 1050100 530 Hole P/Nth	LD10100P5	Lid MH 1050x100 5kN 535 Hole
LD1050100WCC	Lid 1050100 Oct Hole Wgtn CC	LD10100P6	Lid MH 1050x100 5kN 600 Hole
LD1050100WR	Lid 1050100 550 Hole Win	LD10100P5	Lid MH 1050x100 5kN 535 Hole
LD1050150HC	Lid 1050150 530 Ctrl Hole	LD10150HD5HC	Lid MH 1050x150 HD60 535 Cntr
LD1050150HC6	Lid 1050150 610 Ctrl Hole	LD10150HD6HC	Lid MH 1050x150 HD60 600 Cntr
LD1050150M	Lid 1050150 530 Hole Mlbrgh	LD10150HD5	Lid MH 1050x150 HD60 535 Hole
LD1050150N	Lid 1050150 600 Hole Nlsn	LD10150HD6	Lid MH 1050x150 HD60 600 Hole
LD1050150NC	Lid 1050150 530 Hole No Clamp	LD10150HD5	Lid MH 1050x150 HD60 535 Hole
LD1050150NSC	Quote Lid 1050150 NSC Hole	LD10150HDNSC	Quote Lid 1050x150 NSC HD60
LD1050150NSR	Quote Lid 1050150 NSR Hole	LD10150HDNSR	Quote Lid 1050x150 NSR HD60
LD1050150PCC	Lid 1050150 645 Hole Porirua	LD10150HD6	Lid MH 1050x150 HD60 600 Hole
LD1050150PF	Lid 1050150 530 Hole P/Nth	LD10150HD5	Lid MH 1050x150 HD60 535 Hole
LD1050150W	Deleted Refer W.550 or W.600	LD10150HD5	Lid MH 1050x150 HD60 535 Hole
LD1050150W.550	Lid 1050150 550 Hole Win	LD10150HD5	Lid MH 1050x150 HD60 535 Hole
LD1050150W.600	Lid 1050150 600 Hole Win	LD10150HD6	Lid MH 1050x150 HD60 600 Hole
LD1050150WCC	Lid 1050150 Oct Hole Wgtn CC	LD10150HD6	Lid MH 1050x150 HD60 600 Hole
LD1050150WRC	Lid 1050150 610 Hole Wgtn RC	LD10150HD6	Lid MH 1050x150 HD60 600 Hole
LD1050175NCC	Lid 1050175 550 Hole Napier	LD10200HN5	Lid MH 1050x200 HN-HO 535 Hole
LD1050200	Lid 1050200 530 Hole HN-HO-72	LD10200HN5	Lid MH 1050x200 HN-HO 535 Hole
LD1050200600	Lid 1050200 600 Hole HN-HO-72	LD10200HN6	Lid MH 1050x200 HN-HO 600 Cntr
LD1050200610	Lid 1050200 610 Hole HN-HO-72	LD10200HN6	Lid MH 1050x200 HN-HO 600 Cntr
LD1050200HC	Lid 1050200 530 CtrlHoleHNHO72	LD10200HN5HC	Lid MH 1050x200 HN-HO 535 Cntr
LD1050200NSC	Quote Lid 1050200 NSC Hole	LD10200HNNSC	Quote Lid 1050x200 NSC HN72
LD1050200NSR	Quote Lid 1050200 NSR Hole	LD10200HNNSR	Quote Lid 1050x200 NSR HN72
LD1050200PF	Lid 1050200 530 Hole PN HNHO72	LD10200HN5	Lid MH 1050x200 HN-HO 535 Hole

1200mm Lids

Old Item Code	Old Item Name	New Item Code	New Item Name
LD1200150	Lid 1200150 530 Hole	LD12150HD5	Lid MH 1200x150 HD60 535 Hole
LD1200150600	Lid 1200150 600 Hole	LD12150HD6	Lid MH 1200x150 HD60 600 Hole
LD1200150C	Lid 1200150 Closed	LD12150HDCL	Lid MH 1200x150 HD60 Closed
LD1200150HC	Lid 1200150 530 Ctrl Hole	LD12150HD5HC	Lid MH 1200x150 HD60 535 Cntr
LD1200150HC6	Lid 1200150 610 Ctrl Hole	LD12150HD6HC	Lid MH 1200x150 HD60 600 Cntr
LD1200150N	Lid 1200150 600 Hole Nlsl	LD12150HD6	Lid MH 1200x150 HD60 600 Hole
LD1200150NSC	Quote Lid 1200150 NSC Hole	LD12150HDNSC	Quote Lid 1200x150 NSC HD60
LD1200150NSR	Quote Lid 1200150 NSR Hole	LD12150HDNSR	Quote Lid 1200x150 NSR HD60
LD1200150WCC	Lid 1200150 Oct Hole Wgtn CC	LD12150HD6	Lid MH 1200x150 HD60 600 Hole
LD1200175S	Lid 1200175 600 Hole HYSEAL	LD12175LDS6	LidMH Hyseal 1200x175 LD20 600
LD1200200	Lid 1200200 530 Hole HN-HO-72	LD12200HN5	Lid MH 1200x200 HN-HO 535 Hole
LD1200200600	Lid 1200200 600 Hole HN-HO-72	LD12200HN6	Lid MH 1200x200 HN-HO 600 Hole
LD1200200610	Lid 1200200 610 Hole HN-HO-72	LD12200HN6	Lid MH 1200x200 HN-HO 600 Hole
LD1200200C	Lid 1200200 Closed HN-HO-72	LD12200HNCL	Lid MH 1200x200 HN-HO Closed
LD1200200HC	Lid 1200200 530 CtrlHoleHNHO72	LD12200HN5HC	Lid MH 1200x200 HN-HO 535 Cntr
LD1200200HC6	Lid 1200200 610 CtrlHoleHNHO72	LD12200HN6HC	Lid MH 1200x200 HN-HO 600 Cntr
LD1200200N	Lid 1200200 600 HoleNlslHNHO72	LD12200HN6	Lid MH 1200x200 HN-HO 600 Hole
LD1200200NSC	Quote Lid 1200200 NSC Hole	LD12200HNNSC	Quote Lid 1200x200 NSC HN72
LD1200200NSR	Quote Lid 1200200 NSR Hole	LD12200HNNSR	Quote Lid 1200x200 NSR HN72
LD1200200PCC	Lid 1200200 645 Hole Porirua	LD12200HN6	Lid MH 1200x200 HN-HO 600 Hole

1400mm Lids

Old Item Code	Old Item Name	New Item Code	New Item Name
LD1400150	Lid 1400150 530 Hole	LD14150HD5	Lid MH 1400x150 HD60 535 Hole
LD1400150600	Lid 1400150 600 Hole	LD14150HD6	Lid MH 1400x150 HD60 600 Hole
LD1400150N	Lid 1400150 600 Hole Nlsl	LD14150HD6	Lid MH 1400x150 HD60 600 Hole
LD1400150WCC	Lid 1400150 Oct Hole Wgtn CC	LD14150HD6	Lid MH 1400x150 HD60 600 Hole
LD1400200	Lid 1400200 530 Hole HN-HO-72	LD14200HN5	Lid MH 1400x200 HN-HO 535 Hole
LD1400200600	Lid 1400200 600 Hole HN-HO-72	LD14200HN6	Lid MH 1400x200 HN-HO 600 Hole
LD1400200610	Lid 1400200 610 Hole HN-HO-72	LD14200HN6	Lid MH 1400x200 HN-HO 600 Hole
LD1400200N	Lid 1400200 600 HoleNlslHNHO72	LD14200HN6	Lid MH 1400x200 HN-HO 600 Hole
LD1400200NSC	Quote Lid 1400200 NSC Hole	LD14200HNNSC	Quote Lid 1400x200 NSC HN72
LD1400200NSR	Quote Lid 1400200 NSR Hole	LD14200HNNSR	Quote Lid 1400x200 NSR HN72
LD1400200PCC	Lid 1400200 645 Hole Porirua	LD14200HN6	Lid MH 1400x200 HN-HO 600 Hole
LD1400200WCC	Lid 1400200 Oct Hole Wgtn CC	LD14200HN6	Lid MH 1400x200 HN-HO 600 Hole
LD1400250.9X6HC	Lid 1400250 600x900 Hole Centr	LD14250HCR6X9	Lid MH 1400x250 Rec 600x900 HC

1500mm Lids

Old Item Code	Old Item Name	New Item Code	New Item Name
LD1500150	Lid 1500150 530 Hole	LD15150HD5	Lid MH 1500x150 HD60 535 Hole
LD1500150600	Lid 1500150 600 Hole	LD15150HD6	Lid MH 1500x150 HD60 600 Hole
LD1500150640	Lid 1500150 640 Hole	LD15150HD6	Lid MH 1500x150 HD60 600 Hole
LD1500150HC	Lid 1500150 530 Ctrl Hole	LD15150HD5HC	Lid MH 1500x150 HD60 535 Cntr
LD1500150N	Lid 1500150 600 Hole Nlsn	LD15150HD6	Lid MH 1500x150 HD60 600 Hole
LD1500150NSC	Quote Lid 1500150 NSC Hole	LD15150HDNSC	Quote Lid 1500x150 NSC HD60
LD1500150NSR	Quote Lid 1500150 NSR Hole	LD15150HDNSR	Quote Lid 1500x150 NSR HD60
LD1500150WCC	Lid 1500150 Oct Hole Wgtn CC	LD15150HD6	Lid MH 1500x150 HD60 600 Hole
LD1500200	Lid 1500200 530 Hole HN-HO-72	LD15200HN5	Lid MH 1500x200 HN-HO 535 Hole
LD1500200600	Lid 1500200 600 Hole HN-HO-72	LD15200HN6	Lid MH 1500x200 HN-HO 600 Hole
LD1500200610	Lid 1500200 610 Hole HN-HO-72	LD15200HN6	Lid MH 1500x200 HN-HO 600 Hole
LD1500200C	Lid 1500200 Closed	LD15200HNCL	Lid MH 1500x200 HN-HO Closed
LD1500200N	Lid 1500200 600 HoleNlsnHNHO72	LD15200HN6	Lid MH 1500x200 HN-HO 600 Hole
LD1500200NSC	Quote Lid 1500200 NSC Hole	LD15200HNNSC	Quote Lid 1500x200 NSC HN72
LD1500200NSR	Quote Lid 1500200 NSR Hole	LD15200HNNSR	Quote Lid 1500x200 NSR HN72
LD1500200PCC	Lid 1500200 645 Hole Porirua	LD15200HN6	Lid MH 1500x200 HN-HO 600 Hole
LD1500200WCC	Lid 1500200 Oct Hole Wgtn CC	LD15200HN6	Lid MH 1500x200 HN-HO 600 Hole
LD1540200.600S	Lid 1540200 600 HYSEAL HNHO-72	LD15200HNS6	LidMH Hyseal 1540x200 HNHO 600
LD1540200.710S	Lid 1540200 710HYSEAL HN-HO-72	LD15200HNS7	LidMH Hyseal 1540x200 HNHO 700

1600mm Lids

Old Item Code	Old Item Name	New Item Code	New Item Name
LD1600150NSC	Quote Lid 1600150 NSC Hole	LD16150HDNSC	Quote Lid 1600x150 NSC HD60
LD1600150NSR	Quote Lid 1600150 NSR Hole	LD16150HDNSR	Quote Lid 1600x150 NSR HD60
LD1600200600	Lid 1600200 600 Hole HN-HO-72	LD16200HN6	Lid MH 1600x200 HN-HO 600 Hole
LD1600200NSC	Quote Lid 1600200 NSC Hole	LD16200HNNSC	Quote Lid 1600x200 NSC HN72
LD1600200NSR	Quote Lid 1600200 NSR Hole	LD16200HNNSR	Quote Lid 1600x200 NSR HN72

1800mm Lids

Old Item Code	Old Item Name	New Item Code	New Item Name
LD1800200.710	Lid 1800200 710 Hole HN-HO-72	LD18200HN7	Lid MH 1800x200 HN-HO 710 Hole
LD1800200600	Lid 1800200 600 Hole HN-HO-72	LD18200HN6	Lid MH 1800x200 HN-HO 600 Hole
LD1800200610	Lid 1800200 610 Hole HN-HO-72	LD18200HN6	Lid MH 1800x200 HN-HO 600 Hole
LD1800200N	Lid 1800200 600 HoleNlsnHNHO72	LD18200HN6	Lid MH 1800x200 HN-HO 600 Hole
LD1800200NSC	Quote Lid 1800200 NSC Hole	LD18200HNNSC	Quote Lid 1800x200 NSC HN72
LD1800200NSR	Quote Lid 1800200 NSR Hole	LD18200HNNSR	Quote Lid 1800x200 NSR HN72
LD1800200PCC	Lid 1800200 645 Hole Porirua	LD18200HN6	Lid MH 1800x200 HN-HO 600 Hole
LD1800200WCC	Lid 1800200 Oct Hole Wgtn CC	LD18200HN6	Lid MH 1800x200 HN-HO 600 Hole

2050mm Lids

Old Item Code	Old Item Name	New Item Code	New Item Name
LD2050150NSC	Quote Lid 2050150 NSC Hole	LD20200HDNSC	Quote Lid 2050x200 NSC HD60
LD2050150NSR	Quote Lid 2050150 NSR Hole	LD20200HDNSR	Quote Lid 2050x200 NSR HD60
LD2050200600	Lid 2050200 600 Hole HN-HO-72	LD20225HN6	Lid MH 2050x225 HN-HO 600 Hole
LD2050200710	Lid 2050200 710 Hole HN-HO-72	LD20225HN7	Lid MH 2050x225 HN-HO 710 Hole
LD2050200NSC	Quote Lid 2050200 NSC Hole	LD20225HNNSC	Quote Lid 2050x225 NSC HN72
LD2050200NSR	Quote Lid 2050200 NSR Hole	LD20225HNNSR	Quote Lid 2050x225 NSR HN72
LD2050200WCC	Lid 2050200 Oct Hole Wgtn CC	LD20200HD6	Lid MH 2050x200 HD60 600 Hole

2300mm Lids

Old Item Code	Old Item Name	New Item Code	New Item Name
LD2300200600	Lid 2300200 600 Hole HN-HO-72	LD23225HN6	Lid MH 2300x225 HN-HO 600 Hole
LD2300200NSC	Quote Lid 2300200 NSC Hole	LD23200HDNSC	Quote Lid 2300x200 NSC HD60
LD2300200NSR	Quote Lid 2300200 NSR Hole	LD23200HDNSR	Quote Lid 2300x200 NSR HD60

2550mm Lids

Old Item Code	Old Item Name	New Item Code	New Item Name
LD2550200.710	Lid 2550200 710 Hole HN-HO-72	LD25225HN7	Lid MH 2550x225 HN-HO 710 Hole
LD2550200600	Lid 2550200 600 Hole HN-HO-72	LD25225HN6	Lid MH 2550x225 HN-HO 600 Hole
LD2550200NSC	Quote Lid 2550200 NSC Hole	LD25200HDNSC	Quote Lid 2500x200 NSC HD60
LD2550200NSR	Quote Lid 2550200 NSR Hole	LD25200HDNSR	Quote Lid 2500x200 NSR HD60

3000mm Lids

Old Item Code	Old Item Name	New Item Code	New Item Name
LD3000200600	Lid 3000200 600 Hole HN-HO-72	LD30225HN6	Lid MH 3000x225 HN-HO 600 Hole
LD3000200NSC	Quote Lid 3000200 NSC Hole	LD30200HDNSC	Quote Lid 3000x200 NSC HD60
LD3000200NSR	Quote Lid 3000200 NSR Hole	LD30200HDNSR	Quote Lid 3000x200 NSR HD60

3200mm Lids

Old Item Code	Old Item Name	New Item Code	New Item Name
LD3200200600	Lid 3200200 600 Hole HN-HO-72	LD32225HN6	Lid MH 3200x225 HN-HO 600 Hole
LD3200200NSC	Quote Lid 3200200 NSC Hole	LD32200HDNSC	Quote Lid 3200x200 NSC HD60
LD3200200NSR	Quote Lid 3200200 NSR Hole	LD32200HDNSR	Quote Lid 3200x200 NSR HD60

CONCRETE MANHOLE LID CODE KEY

Item Code Example:	LD12150HD6DU	LD	12	150	HD	6	DU
Item Type							
Manhole Lid							
Nominal Riser Size							
1050 =	10						
1200 =	12						
1400 =	14						
1500 =	15						
1600 =	16						
1800 =	18						
2050 =	20						
2300 =	23						
2550 =	25						
3000 =	30						
3200 =	32						
Lid Thickness							
100							
150							
175							
200							
225							
Design Loading							
5kN =	P						
LD20 =	LD						
HD60 =	HD						
HN-HO-72 =	HN						
Access Hole Size:							
535 =	5						
600 =	6						
710 =	7						
Suffix:							
Hole Centre	HC						
Closed (Solid Lid)	CL						
Hydura	DU						
Bicrete	BC						
Microsilica	MS						
Vented	V						
Hyseal	S						
Rectangular	R4X6						
Rectangular	R6X9						
Non Std. Circular	NSC						
Non Std. Rectangular	NSR						



Terms and Conditions of Supply

1. APPLICABILITY

Unless otherwise agreed in writing by Hynds, all quotes given by Hynds, and supply of Goods by Hynds to the Customer are governed by these terms and conditions to exclusion of all other terms and conditions or representations. These terms and conditions will not be deemed to be modified, cancelled or waived in whole or in part except by written amendment of Hynds. In these terms and conditions: "Hynds" means Hynds Pipe Systems Ltd and includes any of its divisions; "Customer" means any company, person or other body which orders or requests, either itself or through an agent, the supply of Goods from Hynds or makes an application for credit from Hynds in relation to any such supply; "Goods" means all products manufactured and distributed by Hynds for drainage, watermain, environmental and rural applications, including, without limitation, fabricated products, concrete spun pipe and precast products, clay pipe systems, streetware and associated systems, water and wastewater management products and systems, pumps, fittings, valves and hydrants, plastic, steel and iron pipes and all associated services and hireage; "GST" means goods and services tax, pursuant to the Goods and Services Tax Act 1985; "Guarantor" means any person or entity that at any time provides a guarantee to Hynds in respect of the Customer's obligations; "Insolvency Event" includes, in respect of any person, when that person commits an act of bankruptcy, makes an arrangement with any or all of its creditors for rescheduling of any indebtedness, has a receiver, liquidator or voluntary administrator appointed or is otherwise insolvent or deemed to be insolvent; "PPSA" means the Personal Property Securities Act 1999; "Security Interest" means a security interest as defined in the PPSA and "Signatory" means any person signing an order or credit application for or on behalf of the Customer.

2. PRICES

Prices and Price lists, with the exception of Hynds written quotations, are subject to variation by Hynds without notice prior to the confirmation of any order. Unless otherwise agreed by Hynds in writing, the price payable for the Goods is the price specified on the invoice for the particular delivery of Goods. Quotations may be withdrawn or modified by Hynds, at any time prior to receipt of written acceptance. Quotes are otherwise valid to the date stated on the Quotations Header, or for 30 days, and will lapse if not accepted in writing by the Customers within that time. All quotes must be kept confidential between the Customer and Hynds.

3. PAYMENT TERMS, CREDIT AND INTEREST

Unless otherwise agreed in writing by Hynds, all Goods must be paid for in cash. If Hynds grants credit to the Customer the following terms shall apply.

- a. Payments will be made in full without deduction or set-off no later than the 20th day of the month following invoice.
- b. Should the Customer default in payment of any monies due to Hynds or in the performance of any other obligation which it owes to Hynds or any associated company or should any Insolvency Event occur in respect of the Customer or any Guarantor then:
 - i. All monies due by the Customer to Hynds shall immediately become due and payable.
 - ii. Hynds may charge the Customer interest at Hynds then current bank overdraft rate plus 2% on all overdue amounts, from the date payment was due until payment in full.
 - iii. Hynds may suspend further deliveries of Goods to the Customer until the Customer has paid all monies due by the Customer to Hynds; and
 - iv. Hynds may revoke all credit provided to the Customer and require that all further deliveries be on a cash on or before delivery basis.
- c. Any expenses, costs or disbursements incurred by Hynds in recovering any outstanding monies including debt collection agency fees or legal fees, shall be recoverable from the Customer.
- d. Hynds is entitled to request security from the Customer and shall be entitled to withhold the supply of Goods or credit until such security has been obtained.

4. SET OFF

The Customer authorises Hynds, and any associated company, to apply (without prior notice or demand) any credit balance of the Customer on any account with Hynds or any associated company or any money owed by Hynds or any associated company towards satisfaction of any payment due and payable by the Customer to Hynds or any associated company. This clause is intended to be relied upon by both Hynds and each associated company.

5. RESERVATION OF TITLE

All Goods supplied by Hynds shall remain the property of Hynds until payment in full by the Customer of all amounts owing is received by Hynds. Until property in the Goods passes to the Customer, the Customer shall hold the Goods as a bailee and shall be liable to Hynds accordingly. If the Customer breaches any of these terms and conditions Hynds shall have the right (without giving notice) to retake possession of the Goods and the Customer authorizes Hynds or its representatives, servants, agents of employees to enter any premises upon which the Goods are stored for the purpose of retaking possession of the Goods. Hynds will have no liability to the Customer or any third party in relation to the entry, removal or repossession of the Goods pursuant to this clause and the Customer will indemnify Hynds against any claims, actions or costs that may arise as a result.

In the case of Goods supplied under a Hynds Agreement for Hire, payment does not constitute transfer of property in the Goods, with title retained by Hynds.

6. WOODEN PALLET/DUNNAGE

Where wooden pallet/dunnage are supplied by Hynds, Hynds may require the Customer to purchase such pallets/dunnage for such an amount as shall be at the sole discretion of Hynds. All wooden pallets/dunnage supplied by Hynds remain the property of Hynds until the Customer has paid all amounts payable by the Customer to Hynds. The risk of loss of, or damage to such wooden pallets/dunnage passes to the Customer upon delivery to a carrier or to the Customer or nominee, as the case may be. Hynds may, in its sole and absolute discretion, permit the Customer to return purchased wooden pallets/dunnage for credit, provided the Customer provides proof of purchase of the wooden pallets/dunnage

7. PERSONAL PROPERTY SECURITIES ACT 1999

- a. The Customer must do all such things and execute or arrange for execution of all such documents as Hynds may require to ensure that Hynds has a perfected first ranking security interest(s) in the Goods and any wooden pallets/dunnage supplied by Hynds.
- b. Without limitation to paragraph a. of this clause the Customer grants to Hynds a security interest in all of its present and after acquired personal property as security for all obligations from time to time of the Customer to Hynds.
- c. The Customer waives its right to receive a copy of any verification statement(s) under the PPSA and agree that as between Hynds and the Customer, the Customer will have no rights under (or by reference to) sections 114(1)(a), 116, 120(2), 121, 125, 129, 131, 133 and 134 of the PPSA. Immediately upon request by Hynds the Customer must (at the Customers cost) procure from any person considered by Hynds to be relevant to its security position such agreements and waivers as Hynds may at any time require.

8. TAXES

GST and any duty or other tax, levy or impost on or relating to the Goods, is payable by the Customer to Hynds upon demand, in addition to the price of the Goods.

9. CLAIMS

Hynds shall not be liable in respect of any claim for defective Goods unless such claim is notified to Hynds in writing within 7 days of delivery of the Goods. The liability of Hynds for defective Goods shall be limited to an amount not exceeding the purchase price of the defective Goods. Hynds will not otherwise be liable for any loss or damage (including direct or consequential loss, or loss of profits) incurred by the Customer or any third party as a consequence of the Goods being defective. Hynds will not in any circumstances be liable for any loss of damage caused by wilful or accidental damage, negligent or improper use, maintenance or storage or any other circumstances whether or not beyond Hynds' control.

10. CREDITS

"When Goods are supplied as ordered, the Customer does not have the right to return the Goods. However, Hynds may, at its sole and absolute discretion, permit the Customer to return Goods for credit, on the understanding, expressed or otherwise, that a handling fee of up to 15% of the purchase price of the Goods, plus any freight charges, plus GST, may be deducted from the value of the credit. No Goods will be accepted back unless they are returned to Hynds in first class resaleable condition, accompanied by adequate proof of purchase."

11. DELIVERY

Hynds will use reasonable endeavors to deliver Goods ordered within a reasonable time. Delivery dates are estimates only and Hynds shall not be liable for any damage or loss arising out of delay in delivery. All risks in respect of the Goods will pass to the Customer on delivery to a carrier or to the Customer or nominee as the case may be. If Hynds is requested to store Goods, or if Hynds is required to store Goods because of the fault of the Customer after the Goods are ready for despatch, the Customer shall pay all charges of and incidental to such storage. Such storage will be at the Customer's risk, and will not entitle the Customer to postpone payment of any sums due to Hynds. A receipted consignment note, bill of lading weigh bill or despatch advice, shall be conclusive proof of delivery unless otherwise stated, delivery costs will be paid by the Customer. Transit insurance to the Customer's account can be arranged by Hynds if requested by the Customer. Hynds shall not be liable to the Customer or any third party for short delivery, or loss in transit of the Goods. Any deliveries necessitating delivery outside the hours of 7.30am – 4.00pm on weekdays must be by special arrangement. Where the Goods are delivered by Hynds direct to the Customer or nominee, the Customer shall provide at its expense, safe hard roading suitable for use by usual road transport to deliver materials to the site specified by the Customer or to an area alongside such site, with sufficient clear hard space at all times for unloading and stacking and unless otherwise specified, shall supply all necessary cranes and other unloading facilities.

12. ORDERS

Orders of Goods may be verbal or written. Hynds will not be liable for any error in the Customers order and the Customer will be responsible for errors arising out of verbal orders not confirmed in writing. Cancellation of orders for Goods placed with and accepted by Hynds may be made only with the written consent of Hynds. Hynds will not be liable for any loss or damage suffered by the Customer or any third party as a result of cancellation of an order.

13. CONFIDENTIALITY

All drawings, designs, specifications, technical data and other information which Hynds supplies in connection with a quotation, or order are confidential. All such information remains Hynds' property, and must not be disclosed to any third person without our written permission and shall be returned immediately upon Hynds' request.

14. INTELLECTUAL PROPERTY

If Goods are supplied to the Customer's designs or specifications the Customer warrants that none of its designs or specifications infringe any copyright, patent or other intellectual property right. If the Customer's designs or specifications infringe, or are alleged to infringe any patent, registered design, copyright or other intellectual property rights, the Customer will indemnify Hynds for any liabilities incurred by Hynds as a result of the Customers breach of this clause.

15. TESTING

If the Customer requires any Goods or material samples to be specially tested prior to delivery, arrangements may be made for the carrying out of such tests at the Customer's cost.

16. CUSTOMER MATERIALS

If the Customer supplies Hynds with its own materials for use in completing the Goods, the Customer undertakes that such materials will be in all respects suitable for the operation for which they are supplied. The Customer will at its own expense replace materials which in Hynds' opinion are unsatisfactory and will pay Hynds for the cost of work already carried out on such materials and for the cost of any damage incurred by Hynds as a result of such materials being unsatisfactory. Such materials remain the property of the Customer whilst in Hynds possession. The risk of loss of, or damage to, such materials will at all times be borne by the Customer.

17. INVENTORY CONTROL

If Goods are required at the request of the Customer prior to SEVEN (7) day strength being attained, Hynds shall not be liable for any defect or failure in the Goods and the Customer shall indemnify Hynds against any claims made in respect of any such defect or failure.

18. FARM GRADE/SECOND GRADE GOODS

Farm grade/second grade Goods are sold as such and marked accordingly. Under no circumstances should farm grade and/or second grade Goods be used as a substitute for first grade Goods and Hynds shall not be liable for any loss or damage caused by such substitutions or attempted substitutions.

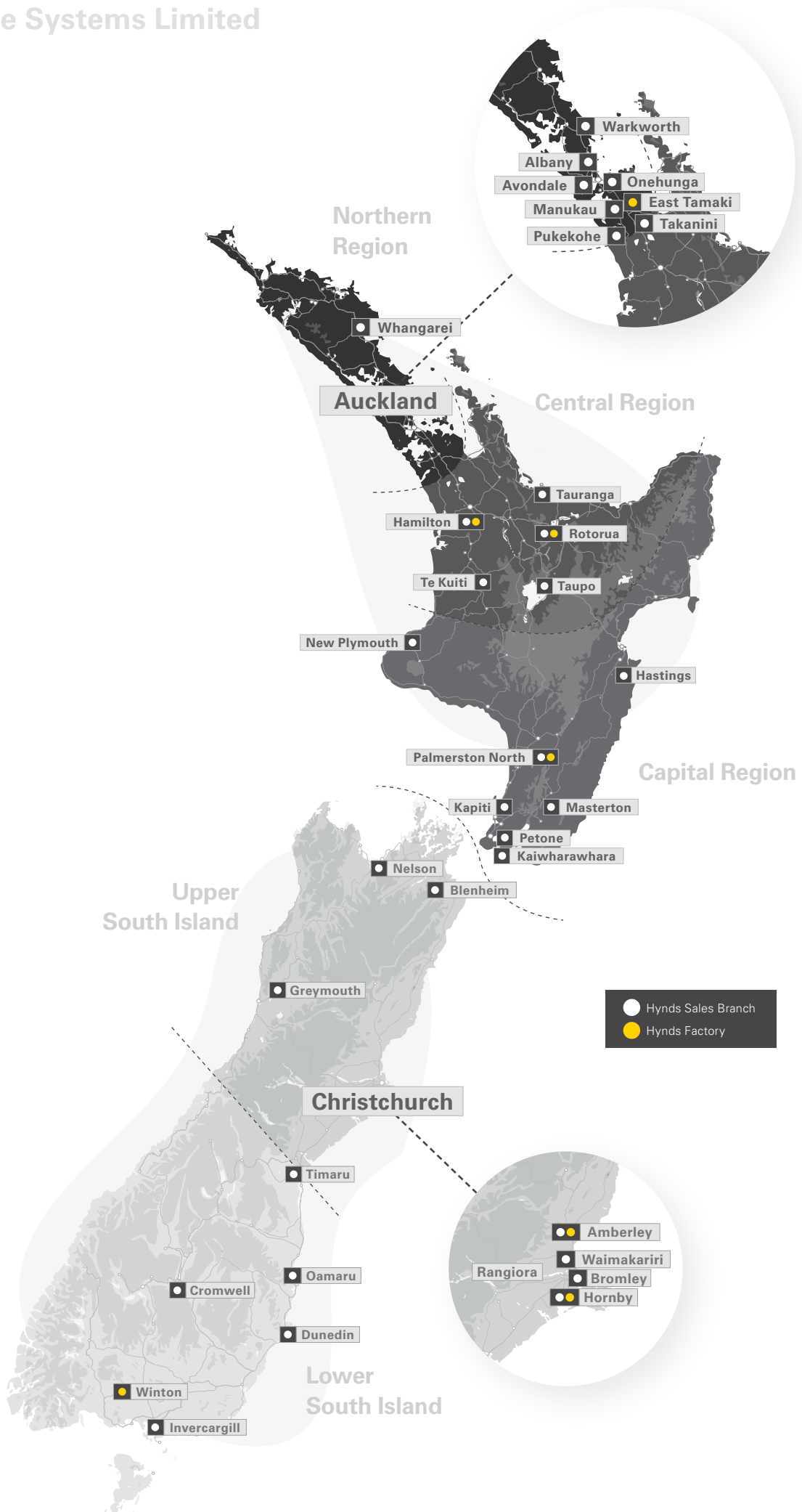
19. FORCE MAJEURE

Hynds will not be liable to the Customer if delivery of the Goods is prevented or delayed, by reason of any circumstances beyond Hynds' reasonable control.

20. CONSUMER GUARANTEES ACT 1993

The Customer agrees that where it is buying the Goods for the purposes of a business the Consumer Guarantee Act 1993 does not apply. The implied conditions under the Sale of Goods Act 1908 do not apply to the supply of Goods by Hynds to the Customer.

Hynds Pipe Systems Limited



Branches North Island

Northern

Whangarei
33 Kioreroa Road
P 09 438 7305 F 09 438 9624

Warkworth
59 Morrison Drive
P 09 425 9837 F 09 425 0581

Albany
6 Cowley Place
P 09 415 9259 F 09 415 9522

Avondale
88–98 Patiki Road
P 09 820 0122 F 09 820 0174

Onehunga
102 Neilson Street
P 09 579 5605 F 09 571 0508

Manukau
32 Ormiston Road, East Tamaki
P 09 273 3053 F 09 273 3483

Pukekohe
26 Nelson Street
P 09 237 1274 F 09 238 1950

Takanini
28 Spartan Road
P 09 267 2980

Central

Hamilton
256 Maeroa Road
P 07 847 3193 F 07 847 2166

Tauranga
84–86 Newton Street
P 07 571 6955 F 07 571 7028

Rotorua
39–41 Depot Street
P 07 348 9394 F 07 348 0371

Taupo
105 Tauhara Street
P 07 378 9915 F 07 378 3471

Te Kuiti
9 Waitete Road
P 07 878 8326 F 07 878 3082

Capital

Palmerston North
847 Tremaine Avenue
P 06 357 2638 F 06 357 2142

New Plymouth
5a Struthers Place
P 06 759 8157 F 06 759 8175

Hastings
1318 Omahu Road
P 06 879 8989 F 06 879 8987

Masterton
8 Solway Crescent
P 06 377 4474 F 06 377 4639

Kapiti *Paraparaumu*
7 Birmingham Street
P 04 296 1125 F 04 297 2413

Petone
33 Bouverie Street
P 04 568 0933 F 04 568 0935

Kaiwharawhara
119–125 Old Hutt Road
P 04 472 4172 F 04 472 4314

Branches South Island

Upper

Nelson
17 Elms Street
P 03 543 8330 F 03 543 8333

Blenheim
51 Main Street
P 03 579 1332 F 03 579 1318

Amberley
200 Carters Road
P 03 314 8455 F 03 314 9060

Hornby
58 Hickory Place, Hornby
P 03 344 3500 F 03 344 3505

Bromley
145 Maces Rd, Bromley
P 03 376 4185 F 03 376 4087

Waimakariri
2 Wrights Rd, Kaiapoi
P 03 327 5820 F 03 327 5823

Greymouth
6 Hinau Crescent, Kaiata Park
P 03 327 5820 F 03 327 5823

Lower

Oamaru
15 Tees Street
P 03 433 1094 F 03 433 1094

Cromwell
25 McNulty Rd
P 03 445 4760 F 03 445 4764

Winton
207 Great North Road
P 03 236 6044 F 03 236 6045

Invercargill
205 Bond Street
P 03 214 6470 F 03 214 6473

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Timaru
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P 03 683 9062 F 03 688 2015

