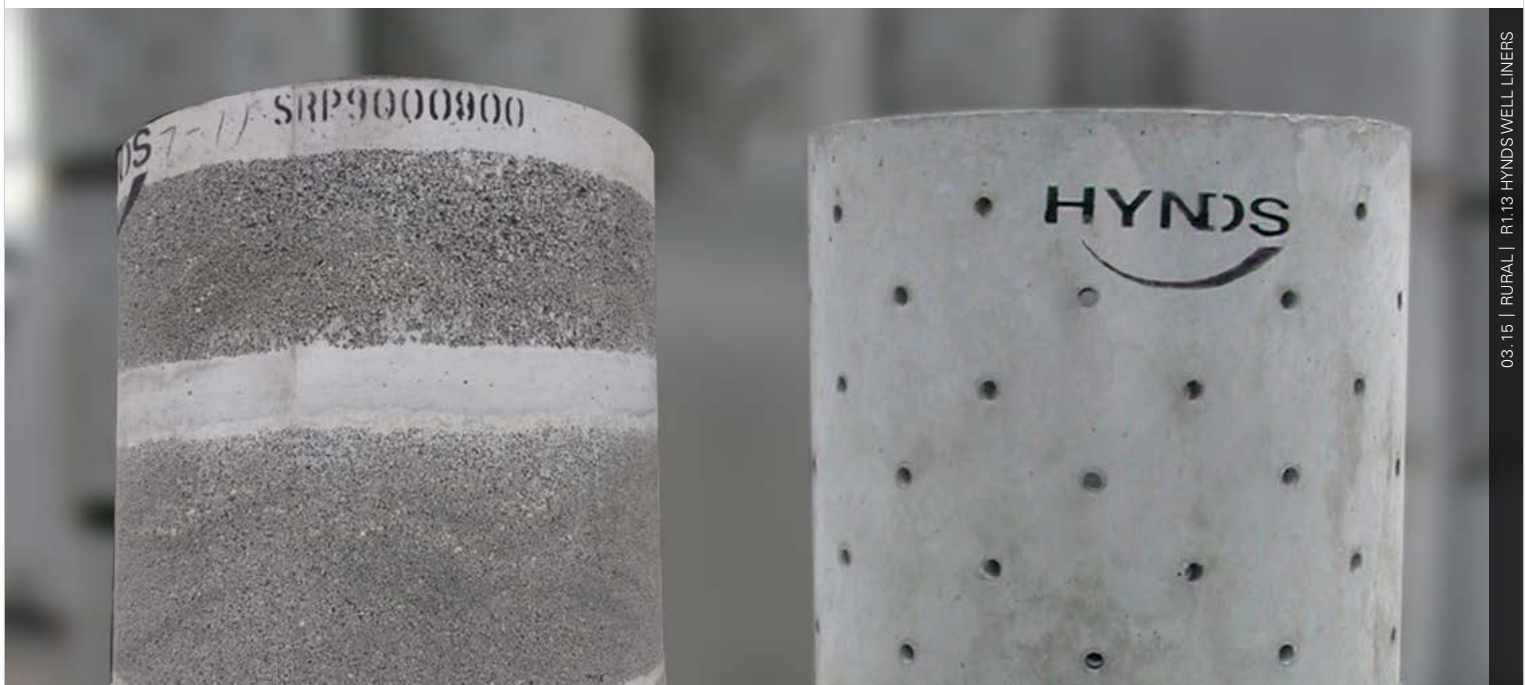


# Well Liners

Product Sheet R1.13

Hynds Well Liners are strong and versatile with two size options available to suit most applications. Originally designed for Rural water wells, Hynds Well Liners are also used as stormwater soak holes in subdivisions and private properties.



## Applications

Farms and lifestyle blocks for wells  
Soak holes in subdivisions, car parks,  
farms, residential streets and properties

## Product Attributes

Durable  
Strong  
Made of 'Blue Chip'  
Suitable for LD20 loading (single wheel  
load 20kN)

## Quality

ISO 9001:2008 Quality  
Management Standard

*We are the supply partner of choice for  
New Zealand's rural industry, specialising  
in water and infrastructure based solutions.*



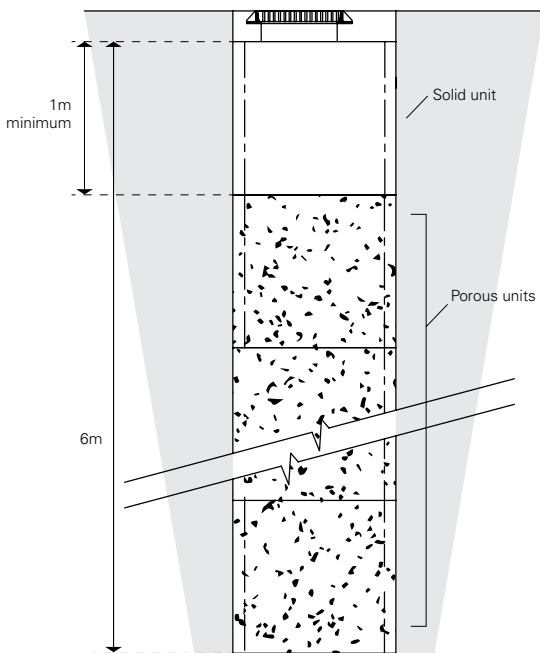
Well liners are made to last, Hynds offer two sizes to suit most applications. The soakage ability depends on the amount of water entering the soak pit.

### Design Specifications

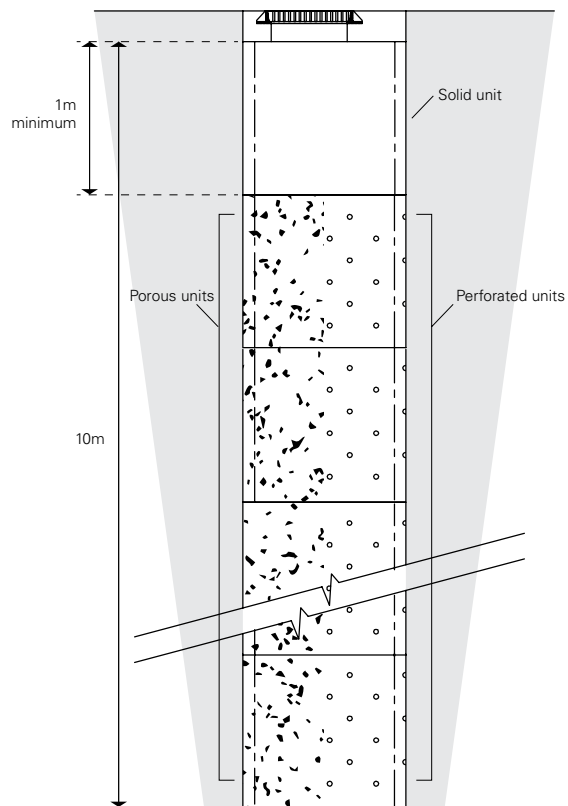
- Manufactured using reinforced concrete or Blue chip cement.
- Porous or solid well liner options available.

### Installation

- Whilst all liners should be handled carefully, pumice liners require extra care. They are a lot lighter than comparable pre-cast concrete units.
- Once the hole has been dug or drilled, where possible level the bottom of the hole. The liners should then be stacked to the required height.
- A normal well would consist of three to four porous liners, with one or two solid liners on top. These can then be covered with one of our lid options.
- Sizing of soak holes are normally determined by catchment area and soil type.
- As each site is different it is important the Council, Civil Engineer or experience Contractor is consulted on specific requirements.



**FIG. 1** Typical Pumice Layout



**FIG. 2** Typical No Fine or Precast Concrete Perforated Layout

**TABLE 1 Pumice Well Liners (Made at Hynds Rotorua Factory)**

| Code                          | Description                      | Internal Diameter (mm) | Wall Thickness (mm) | Height (mm) | Weight (kg) |
|-------------------------------|----------------------------------|------------------------|---------------------|-------------|-------------|
| SRP6000450S                   | Well Liner 600x450 Solid         | 600                    | 75                  | 450         | 68          |
| SRP6000450                    | Well Liner 600x450 Porous        | 600                    | 75                  | 450         | 51          |
| SRP6000600S                   | Well Liner 600x600 Solid         | 600                    | 75                  | 600         | 85          |
| SRP6000900                    | Well Liner 600x900 Porous        | 600                    | 75                  | 900         | 117         |
| SRP9000450S                   | Well Liner 900x450 Solid         | 900                    | 75                  | 450         | 157         |
| SRP9000450                    | Well Liner 900x450 Porous        | 900                    | 75                  | 450         | 95          |
| SRP9000900                    | Well Liner 900x900 Porous        | 900                    | 75                  | 900         | 299         |
| <b>Pumice Well Liner Lids</b> |                                  |                        |                     |             |             |
| LDP0600050                    | Lid Pumice Ø600 50Hmm Ø100 Hole  | 600                    | -                   | 50          | 26          |
| LDP0600050C                   | Lid Pumice Ø600 50Hmm Closed     | 600                    | -                   | 50          | 26          |
| LDP1050075                    | Lid Pumice Ø1050 75Hmm Ø100 Hole | 900                    | -                   | 75          | 134         |
| LDP1050075C                   | Lid Pumice Ø1050 75Hmm Closed    | 900                    | -                   | 75          | 134         |

**TABLE 2 no Fines Well Liners (Made at Hynds Rotorua Factory)**

| Code                            | Description                                       | Internal Diameter(mm) | Wall Thickness (mm) | Height (mm) | Weight (kg) |
|---------------------------------|---|-----------------------|---------------------|-------------|-------------|
| WL0900500S                      | Well Liner 900mm x 0.5m Solid                     | 900                   | 75                  | 490         | 270         |
| WL09100500                      | Well Liner 900mm x 0.5m Porous                    | 900                   | 75                  | 490         | 220         |
| WL09001000S                     | Well Liner 900mm x 1m Solid                       | 900                   | 75                  | 985         | 580         |
| WL09101000                      | Well Liner 900mm x 1m Porous                      | 900                   | 75                  | 985         | 445         |
| WL0910100B                      | Well Liner 900mm x 1m Porous with Base            | 900                   | 75                  | 985         | 515         |
| <b>No Fines Well Liner Lids</b> |   |                       |                     |             |             |
| WLL0900100                      | Well Liner Lid Conc Ø900 100Hmm Closed            | 900                   | -                   | 100         | 220         |
| WLL0900100.100                  | Well Liner Lid Conc Ø900 100Hmm cw Ø100 PVC Holes | 900                   | -                   | 100         | 220         |
| WLL0900150                      | Well Liner Lid Conc Ø900 150Hmm Closed            | 900                   | -                   | 150         | 320         |
| WLL0900150.150                  | Well Liner Lid Conc Ø900 150Hmm cw Ø150 PVC Holes | 900                   | -                   | 150         | 320         |

**TABLE 3 Pre-cast Concrete Well Liners (made at Hynds Palmerston North Factory)**

| Code                                     | Description  | Internal Diameter (mm) | Wall Thickness (mm) | Height (mm) | Weight (kg) |
|--|--|------------------------|---------------------|-------------|-------------|
| SRC6000600                               | Soak Ring Conc 600mm x 0.6m with cast in holes (Porous)  | 600                    | 50                  | 600         | 235         |
| SRC9000450S                              | Soak Ring Conc 900mm x 0.45m Solid                       | 900                    | 75                  | 450         | 255         |
| SRC9000450                               | Soak Ring Conc 900mm x 0.45m with cast in holes (Porous) | 900                    | 75                  | 450         | 235         |
| WLS09001000S                             | Well Liner 900mm x 1m Solid                              | 900                    | 75                  | 985         | 580         |
| WLS0900PF                                | Well Liner 900mm x 1m with cast in holes (Porous)        | 900                    | 75                  | 1000        | 530         |
| <b>Pre-cast Concrete Well Liner Lids</b> |  |                        |                     |             |             |
| WLL0900100                               | Well Liner Lid Conc Ø900 x 100H Thk                      | 900                    | -                   | 100         | 215         |
| WLL0900150                               | Well Liner Lid Conc Ø900 x 150H Thk                      | 900                    | -                   | 150         | 321         |
| WLL0900150MH                             | Well Liner Lid Conc Ø900 x 150H Thk with MH opennig      | 900                    | -                   | 150         | 219         |

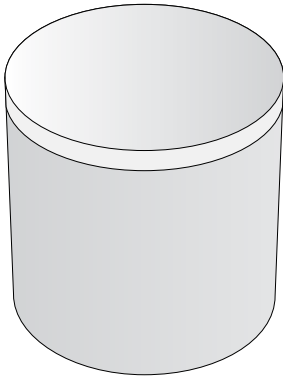


FIG. 3 Well Liner and Lid

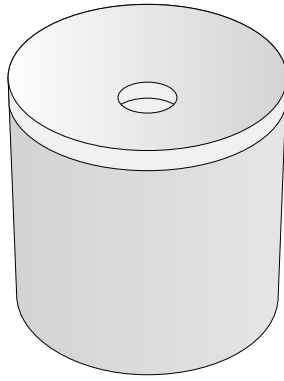


FIG. 4 Well liner and lid with penetration.

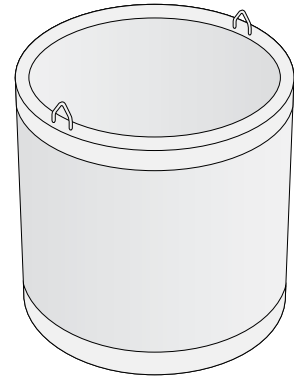


FIG. 5 Well liner

TABLE 4 Offal Hole Lid

| Product Code | Description                         | Weight (kg) |
|--------------|-------------------------------------|-------------|
| OHP105075    | 1050mm Offal Hole Lid c/w 75mm plug | 112         |
| OHP122075    | 1220mm Offal Hole Lid c/w 75mm plug | 175         |
| OL1350PF     | 1350mm Offal Hole Lid               | 345         |



FIG. 6 Pumice Soak Rings stacked. Well liner and lid pictured front, right hand side.



FIG. 7 Pumice Well Liners



FIG. 8 No Fines Well Liners

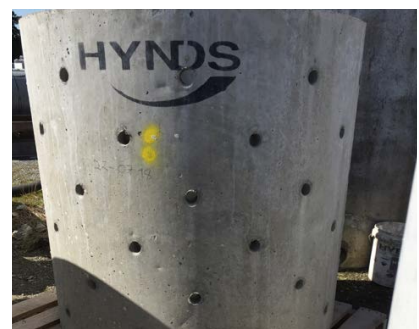


FIG. 9 Precast Concrete Perforated Well liner

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