

1 WHAT IS X-POD®

- > RibRaft® X-Pod® is a unique, patented foundation system from Firth.

2 CAN I SWITCH OUT MY EXISTING RIBRAFT® FLOOR TO A X-POD® FLOOR?

- > Yes you can, however you will need to get an engineer to design the floor specifically as a X-Pod®.

The X-Pod® Structural Designers Guide is available online at www.xpod.co.nz

3 HOW DOES X-POD® COMPARE IN COST TO CURRENT RIBRAFT® FLOOR?

- > In good ground it may be 5-10% more than a standard RibRaft®.

However as ground conditions deteriorate, ie TC2 / expansive soils or when building loads increase, it is likely to be less expensive than competing systems (eg pile foundations).

4 CAN I USE NORMAL CONCRETE OR DOES IT NEED A SPECIAL MIX?

- > X-Pod® foundations require a specific Firth designed concrete. Two mixes are available, Firth 'IP2019X' a 20MPa, 120mm slump mix, or Firth 'IP2519X' a 25MPa, 120mm slump mix. Both are available in a 13mm or 19mm aggregate, are suitable for 100mm pump lines and are Declare Label certified, available nationwide at Firth plants.

5 IS IT QUICKER AND EASIER TO INSTALL?

- > Yes, it is quicker and easier to install than a standard RibRaft® floor.

6 DOES X-POD® USE MORE/LESS CONCRETE?

- > Often slightly less.

7 CAN X-POD® BE USED ON A SLOPING SITE?

- > X-Pod® can be used on sloping ground with the engineer's approval.

8 CAN YOU STACK THE PODS?

- > Your Pods can be stacked for delivery. An average house lot site will fit on a tandem trailer.

9 CAN I HAVE A DECORATIVE CONCRETE FINISH WITH X-POD®?

- > Yes you can, the Firth 'IP2019X' or 'IP2519X' mix can be polished or coloured.

Note: When polished, there will be no problems with polystyrene beads on surface.

10 IS THE SYSTEM CODEMARK CERTIFIED?

- > It's likely to be Codemark certified in the next 12-24 months.

11 WHAT IS THE R-VALUE?

- > R1.3 however in some instances designers may wish to determine the R value as part of the design process. (Refer Page 12 of the X-Pod® Structural Designers Guide to calculate R-value.)

Ribraft HotEdge® can be added to increase R-Value, if required under Homestar 6.

Thermo-X DPM can be used to increase the R-Value in accordance with page 12 of the Design Guide.

For RibRaft® HotEdge® information visit www.firth.co.nz/residential/foundations/ribraft-hotedge

12 DOES THE X-POD® SYSTEM CARRY ENVIRONMENTAL CERTIFICATION?

- > Yes the Firth X-Pod® 'IP2019X' or 'IP2519X' concrete is Declare Label certified (FIR002 Declare Label), which is available nationwide at Firth plants.

Under Hzestar (Version 4), Declare concrete receive 0.5 merits when 50% of the concrete is Declare Label Certified.

The X-Pod® plastic pods and components are not currently Declare Label Certified. (Declare Labels are like a nutrition label for the building industry, they clearly state what ingredients make up a product and are designed to help shape a greener, healthier environment.)

13 CAN THE PODS BE RECYCLED?

- > The X-Pod® plastic pods are made from 80% recycled plastic and are fully recyclable. (Check with your local council for current recycle regulations.)

PP



Polypropylene

14 IS THE X-POD® SYSTEM AVAILABLE THROUGHOUT NEW ZEALAND?

- > X-Pod® is available across most of NZ, however in some parts of the country, X-Pod® isn't available including Kaitaia, Wairarapa, Kaikoura, Motueka and Golden Bay, where there is no Firth Plant or a Firth Plant is too far away to make the supply of X-Pod® concrete feasible. In these cases, please talk to your local Firth rep for more information and to discuss a suitable alternative foundation design.