

ribslab



The Wellington Regional Hospital Building project comprises a new 9 floor reinforced concrete building. The first four floors cover a footprint of 140m by 100m with the upper 5 levels being a tower block over part of the building footprint. The original project specification called for 46,000 square metres of Interspan flooring that equates to approximately 30 linear kilometres of Interspan beam.

During the tender phase of the project Stresscrete developed an alternative product called Ribslab that could be used in certain areas in the place of Interspan. Ribslab is essentially three or four Interspan ribs cast integrally with a thin slab section.

The alternative product was accepted by the Wellington

Regional Hospital Building project as it offered the advantages:

Reduced crane times - the equivalent of 4 Interspan planks could be placed in one crane lift compared with a maximum of two using the conventional separate plank product

No temporary propping – the Ribslab product does not require propping whereas the original Interspan design required 1 row of temporary props for each beam

Less timber infill – up to a 75 % reduction in the quantity of timber infill resulting in reduced installation time

An immediate working platform when a unit is placed in its final location in the project

