



Kerto-Ripa

LONG-SPAN ENGINEERED TIMBER SOLUTIONS

Kerto-Ripa panel is a prefabricated structural engineered timber element made from glued or mechanically fixed Kerto members. The system is used to create both floors and roofs of residential, commercial and public buildings.

BENEFITS FOR THE CONTRACTOR



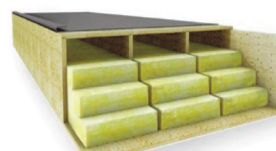
- *Fast installation – up to 1000m² of weather protection in one day*
- *Reduces the need for protective covering during construction at the building site*
- *Pre-fabrication ensures consistent quality*
- *Reduces turnaround time for construction projects*
- *Carefully-timed delivery for the building phase*
- *Clear, long spans*
- *Excellent environmental credentials*

ROOFING SOLUTIONS



Kerto-Ripa panels are an ideal solution for flat or shallow pitched roofs, and can be designed to the client's thermal requirements. Long clear spans (up to 18m) are available allowing buildings to be constructed with fewer columns and beams creating greater design flexibility.

FLOORING SOLUTIONS



Kerto-Ripa panels are also suitable for both ground and intermediate floors delivering clear spans of up to 9m. The panel is pre-fabricated to allow quick and simple installation, easily accommodating co-ordinated services within the floor zone.

For cases where increased acoustic performance is required, The SoundBar System can be used to exceed building regulations.

**“PRE-FABRICATED
TO ACHIEVE RAPID
CONSTRUCTION”**

CASE STUDY: OFFICE UNITS IN TOWCESTER, NORTHAMPTONSHIRE



Metsä Wood's Kerto-Ripa panels were utilised in the construction of three office units in Towcester, Northamptonshire.

The pre-fabricated engineered timber panels, which were specified by Westframe, were used to provide floor cassettes with a total of over 250m² installed throughout the entire construction. Kerto-Ripa was selected for its exceptional structural properties, its capacity to create large open spans and its ability to facilitate a faster build program.



David Thacker of Westframe comments, 'We were looking for a flexible solution which would meet our requirement of achieving a long clear span. With Kerto-Ripa we were able to achieve this with a nine-metre clear span. In addition, the solution's value engineering was a key driver in being specified for this project. Its speed of installation significantly reduces time onsite. This floor system took a matter of hours to complete, with very little risk to the installation crew or any other construction staff on site.'

For this commercial development it was crucial for Westframe to find a way of delivering long clear spans in order to maximise the useable interior space of the buildings. Metsä Wood's Kerto-Ripa presented a sustainable solution to this challenge.

As Kevin Riley, Vice President Construction Industry for Metsä Wood UK noted, 'The panel is ideal for use within retail, commercial and public buildings and has two key applications - flooring and roofing. It is particularly relevant for specification in projects where long spans are required and we are seeing increased interest in the incorporation of this unique system across a range of projects in the UK.'

FOR FURTHER INFORMATION:

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