



Keywood™

The building material with infinite possibilities



UniQue timber protection



KEYWOOD samples are available on request.



Utilising the very latest modification technology, KEYWOOD locks in all the natural benefits of beautiful radiata pine to produce a **durable, versatile and sustainable** material for your next **cladding, decking, joinery, flooring or furniture** project.



KEYWOOD is produced from FSC certified softwood timber that has been transformed into a highly durable material by introducing a unique biomass based resin into the cell walls, improving its biological performance and physical attributes.


Main Features

- Highest quality, No.1 clears radiata pine – consistent appearance and knot free on all faces.
- Outstanding performance locked in; provisional Durability Class that relates to a desired service life up to 60 years, when referencing BS 8417 for exterior, out of ground contact applications (Use Class 3).
- For use indoors or outdoors, with or without a coating.
- Appealing brown colouration which slowly weathers to a natural silver shade.
- Improved dimensional stability and enhanced mechanical properties.
- Sound environmental credentials.
- Creating real design flexibility and a high performance alternative to hardwoods and man-made materials.

Availability and Specification

KEYWOOD is now available in a range of standard sizes and profiles. These can be supplied either machined to specified dimensions and patterns or as solid sections that can be machined, as required.

If you have a specific project you would like to discuss, we would recommend direct discussion with the Arch Timber Protection Advisory Service through the contact details below.

 Specification clauses are available to download from the NBS Plus Product Selector - www.nbsplus.co.uk.



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Durable

As an independent view of the durability of KEYWOOD, Arch asked the Building Research Establishment (BRE), well respected experts in this field, to review the modification data. BRE has confirmed that the KEYWOOD modification process and resin loading is sufficient for a provisional durability classification that will deliver up to a 60 year desired service life in above ground, outdoor use (Use Class 3) applications.

Versatile

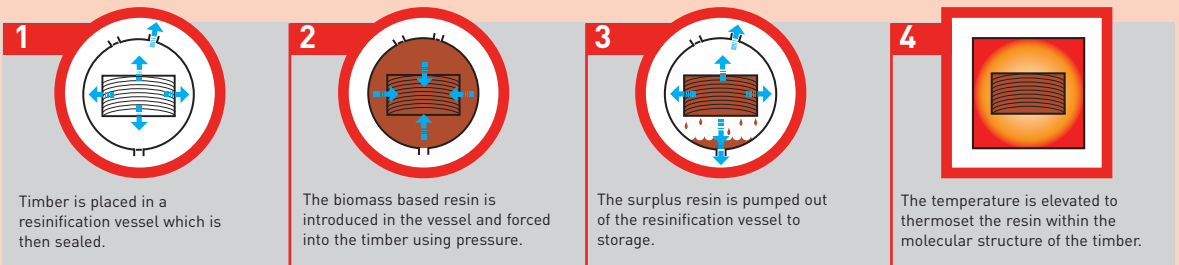
KEYWOOD has an improved stability and an increased hardness that does not affect the strength and structural integrity of the material, yet keeps it simple to work and install. KEYWOOD extends the use scope of timber, allowing strong aesthetic statements. Its consistent and appealing natural brown colour, even after machining, blends with both outdoor and indoor surroundings.

Sustainable

KEYWOOD is a natural alternative, helping to reduce demands on other more resource demanding construction materials. The use of any timber product in construction helps reduce our carbon footprint and with its production from a combination of certified and well managed plantations of radiata pine and a natural biomass based resin, KEYWOOD has strong credentials in terms of sustainability.

Resinification Process

Taking place in an industrial vessel, the controlled resinification process allows a consistent and measurable level of modification to take place to the timber cells.



Arch
Timber
Protection

Wheldon Road, Castleford, West Yorkshire, WF10 2JT.
Telephone (01977) 714000 Fax (01977) 714001
e-mail advice@archchemicals.com

www.archtp.com



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