

THE BEST PROTECTION FOR YOUR BUILDING TIMBERS



TREATED TIMBER



fforest
timber engineering

Timber is a superb construction material. Light yet strong, easily worked and infinitely versatile it offers a range of functional qualities and inherent beauty that no alternative material can match. It is also our only truly renewable building resource. And properly treated with modern wood protection systems, its long term durability can be significantly enhanced, providing you and your customers with real confidence in your next building project.

At **Fforest Timber Engineering** we have our own **double vacuum treatment facilities** to make sure the timber components we supply will have the very best protection.



- Environmentally advanced **Vacsol Aqua** water based wood preservative, containing biodegradable fungicides and insecticides, to provide complete protection against all forms of wood decay and insect attack.
- Distinctive pink treatment colouration to help identify quality treatment and quality **Fforest** components.
- Treatment does not alter the timber dimensions.
- **Vacsol Aqua** treated timber is approved by the NHBC, Zurich and many leading house builders.
- **Vacsol Aqua** treated timber can be used with total confidence in all building situations above dpc level.
- Treated to a 60 year desired service life for internal building timbers (timber frame material, trussed rafters, sole and wall plates, joists, carcassing).
- Treated to a 30 year desired service life for external building timbers (cladding, barge boards, fascias, soffits). *

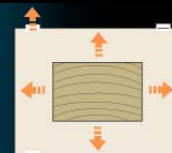
**Exterior woodwork should be subsequently protected with a maintained and appropriate surface coating.*



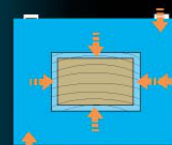
TREATED TIMBER

The Treatment Process

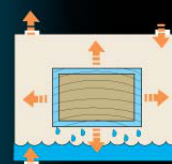
1 Vacuum created and timber cells evacuated of air. Vacuum held.



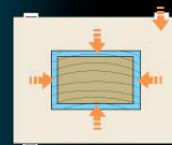
Vessel flooded under vacuum, release of which forces waterbased **Vacsol® Aqua** preservative into the wood cells under atmospheric pressure. Low pressure may be applied for more resistant species or for a higher specification.



3 Second vacuum applied to evacuate timber cells of preservative. Surface wet.



4 Venting to atmospheric pressure drives surface preservative back into the timber. Surface drip dry.




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