

# AQUA-TECH WOOD PRESERVATIVES

## WOODWORM and DUAL

### SPECIAL PROPERTIES

- Based on “State of the Art” microemulsion technology developed over 10+ years.
- Low odour and non flammable.
- Rapid penetration of active ingredients and fast drying time.
- Effective against all wood boring insects and wood rotting fungi.
- HSE 1 Hour re-entry classification

### DESCRIPTION

**AquaTECH** are advanced wood preservatives supplied in water-soluble sachets which can be used to deal with all remedial timber treatment situations.

- **Woodworm** (HSE 7990). Based on the pyrethroid insecticide permethrin; for the prevention and eradication of Common Furniture Beetle (*Anobium punctatum*) and other wood boring insects in building timbers. Permethrin's well known effectiveness as a remedial insecticide is enhanced even further by the special properties of our microemulsion system allowing optimum pesticide dosing (synergistic action).
- **Dual** (HSE 7991) As Woodworm above but also contains the well known triazole fungicide propiconazole and 3-Iodo-2-propynyl-butyl carbamate, giving a general purpose treatment for insect attack and to protect timbers at risk from fungal decay (dry rot/wet rot) during a drying period following the elimination of sources of moisture.

FOR USE ONLY AS A WOOD PRESERVATIVE  
(professional use only).

Manufactured under a quality system complying with BS EN ISO 9001 : 2000.



### SITE WORK

#### PREPARATION

All bats are protected under the Wildlife and Countryside Act 1981. Before treating any structure used by bats, consult English Nature, Scottish Natural Heritage, The Countryside Council for Wales, or the Department of Environment for Northern Ireland.

#### a) Insect infestations (use Woodworm)

Ensure that all timbers to be treated are adequately exposed and cleaned (vacuum cleaning preferred). Any paint or varnish finishes or any sapwood severely damaged edges of timbers (“frass”) should be removed prior to treatment where possible.

Remove thermal insulation in roof spaces (or roll up and completely cover) and do not reinstate until the timbers are dry.

Cover fitted insulation (lagging on pipes) with polythene and cover water storage tanks with heavy grade polythene to be left in-situ after treatment. Isolate electrical circuits in the treatment area during and for 8 hours after treatment and ensure that junction boxes, etc. are adequately protected against the ingress of the fluid. Remove or cover all foodstuffs before application as well as fish tanks / bowls. Do not use on beehives or beekeeping equipment or apply to surfaces on which food is prepared.

Where applicable, notify occupants of adjoining properties before treatments commence.

Display Safety Notices conspicuously during treatment and leave on site after treatment for at least 8 hours. Use only flameproof portable lighting equipment and ensure that this and any other electrical equipment is in good order.

#### **b) Fungal decay - wet rot/dry rot (using dual)**

As a) above plus:

Locate and rectify the source of dampness. Cut out all structurally unsound timbers and make repairs isolating new and retained timbers from damp masonry etc.

In the case of Dry Rot (*Serpula lacrymans*) it may also be necessary to treat infected walls / floors (see Microtech Biocide Technical Data Sheets).

In addition to the preparation steps noted in (a,b); in the case of 'pockets' of fungal decay, beetle infestation (e.g. Death Watch Beetle, *Xestobium rufovillosum*) drill the timbers at intervals to allow pressure injection of the treatment solution at depth.

**N.B.: Where pressure injection of large dimension timbers which are relatively dry (M.C. <20% w/w) is envisaged we recommend the use of Wykamol Plus (see separate Data Sheet).**

### APPLICATION

Wear suitable protective clothing (coveralls), synthetic rubber/PVC gloves when using, plus eye protection when diluting. To make the appropriate **AquaTECH** preservative solution (25 litres) mix the concentrates with water as follows:

Remove the outer polythene bag and add the sachet(s) of concentrate to 5 litres of clean water and shake. Allow to stand for 2-3 minutes and shake vigorously. Once the sachet(s) have ruptured (colour change in fluid) shake and add remaining clean water to make a total of 25 ltrs of solution and allow to stand for a further 5 minutes before use.

Once made, ensure drums of diluted solution are properly labelled during use and in storage.

Diluted **AquaTECH** wood preservatives can be applied by brush or coarse spray (low pressure: 210-350 kPa, 30-50 lbs/in<sup>2</sup>) or by immersion (3-10 minutes) to achieve the coverages noted.

Where necessary, low pressure injection of AQUATECH preservatives can be achieved using timber injectors. During spray applications some respiratory protection will normally be required.

Provide adequate ventilation following treatments and maintain as long as possible after re-occupation.

### FINISHING

As long as timbers are dry, re-occupation can normally take place 1 to 2 hours after treatments are completed.

Floor coverings should not be laid for at least 48 hours (or longer for certain sensitive floor materials, e.g. foam-backed carpet etc.) In all cases, use lining papers to protect coverings

from direct contact with timbers. Treated timbers can be overcoated when dry with a range of decorative / protective paints etc., if required. With certain water base coatings, to ensure compatibility, check a small area first.

### PRODUCT DATA

<b>Appearance</b>	Clear, coloured liquids at room temperature.
<b>Coverage</b>	Brush/spray: 1 litre (dilute solution)/4m <sup>2</sup> of wood surface. Immersion: 5-20 litres (dilute solution)/m <sup>3</sup> .
<b>Packaging</b>	
<b>AquaTECH Woodworm</b>	1 x 138g sachet
<b>AquaTECH Dual</b>	2 x 197g sachets
<b>Storage</b>	Store concentrate and diluted solution safely in frost-free conditions away from direct sunlight, sources of heat and foodstuffs.
<b>Shelf Life</b>	12 months.
<b>Cleaning</b>	All equipment should be thoroughly cleaned and rinsed out with water after use. Rinsings can be used for subsequent dilutions if free of contamination and stored as above.
<b>Safety</b>	Under the Control of Pesticides Regulations certain statutory precautions apply to this product - read the label before use (and see above).

More detailed information for hazard assessment, emergency procedures, etc. are available in the **AquaTECH** Material Safety Data Sheets.

### TECHNICAL INFORMATION

The information contained in this data sheet is for professional preservation specialists and is compiled accordingly.

Further information and advice is freely available from the Wykamol Technical Department. For general guidance consult the HSE Guidance consult the HSE Guidance Note "Remedial Timber Treatment in Buildings" (HSE Books, ISBN 0-11-885987-0).

The Company warrants this product to be of merchantable quality and fit for the purpose designed, providing that any instructions relating to use, handling and storage are duly observed. All transactions subject to our standard conditions of sale, copies available on request.

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