

WYKABOR 10

Aqueous boron-based wood preservative and masonry biocide

CI/SFB

YU3

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DATA SHEET

SPECIAL PROPERTIES

- Good penetration
- Very low odour
- Non-flammable
- Highly effective dual purpose preservative and biocide

DESCRIPTION

Wykabor 10 is an aqueous wood preservative and masonry biocide based on disodium octaborate and benzalkonium chloride. Suitable for the eradication of common furniture beetle *Anobium punctatum* and other wood boring insects in building timbers. Also, for the prevention of fungal decay in sound timbers following the removal of sources of moisture. Wykabor 10 may also be used in conjunction with Wykabor 40 as part of an eradicator treatment against fungal decay (see separate data sheet).

As a masonry biocide Wykabor 10 may be used to treat brickwork etc. contaminated by dry rot *Serpula lacrymans*, the removal and control of external biological growths (moss, lichens, algae) on stonework etc., or mould control on internal surfaces prone to condensation.

Wykabor 10 is approved for use under The Control of Pesticides Regulations 1986. Read the label before use.

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 National Heritage, The Countryside Council for Wales or The Department of the Environment for Northern Ireland.

a) Beetle infestations

Ensure that all timbers to be treated are adequately exposed and cleaned, (vacuum cleaning preferred). Any paint or varnish finishes or any severely damaged sapwood 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 food-stuff before application as well as fish tanks/bowls. Do not apply to surfaces on which food is prepared or stored.

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 48 hours.

b) Fungal Decay - Wet Rot/Dry Rot

As (a) above plus - locate and rectify the source of dampness. Cut out all structurally unsound timbers and make repairs isolating timbers where possible from damp masonry etc. and ensuring adequate ventilation. For treatments of decayed timbers in-situ see the Wykabor 40 Technical Data Sheet.

c) Masonry Treatments - Dry Rot

The ability of Dry Rot *Serpula lacrymans* to spread through masonry/concrete structures may necessitate the treatment of infected walls/floor. Expose the full extent of the outbreak and remove all mycelium and timbers from the area except where in-situ treatments with Wykabor 40 are proposed.

d) Masonry Treatments - External Growths

In cases of severe moss build-up, remove as much growth as possible by scarification prior to application of the biocide solution.

Take measures to ensure "run-off" will not contaminate water sources, drains or the ground.

APPLICATION

Wear suitable protective clothing (coveralls), synthetic rubber/PVC gloves and face protection.

Wykabor 10 can be applied to timbers by brush or coarse spray (low pressure; 210-350 kPa, 30-50lbs/in²) or by immersion (minimum 3 min. dip) to achieve the coverages noted below (Product Data). During spray application some respiratory/face protection will normally be required.

For masonry dry rot treatments, walls of 115mm can be treated by surface brush or spray (230mm walls from both sides) whereas thicker walls may also need to be drilled (12-16mm) at intervals of c. 230mm to facilitate low pressure injection or gravity irrigation treatments to the centre of the wall.

In the case of timber sub-floor areas, the base of the structural walls, sleeper walls and oversite (solum) should be treated with Wykabor 10. If dry rot mycelium has spread beneath a concrete floor or into subsoil it should be excavated and replaced following a surface treatment with Wykabor 10.

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

For external masonry treatments apply Wykabor 10 by brush or low pressure spray (avoid windy conditions). Following an initial application dead growth should be removed and a second treatment applied to achieve the best residual control over regrowth.

FINISHING

As long as timbers are dry, re-occupation can take place 48 hours after treatments are completed.

Floor coverings should not be laid for at least 72 hours (or longer for certain impermeable or other floor materials, eg. vinyls, foam-backed carpets 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. (to ensure compatibility check a small area first).

Replastering of masonry surfaces can normally proceed within 48 hours of treatment (see Wykamol Replastering Specification) although in general it is advisable to allow maximum ventilation and drying of the walls for as long as possible before re-instatement.

PRODUCT DATA

Appearance	Clear, pale blue liquid at room temperature (slightly cloudy if frost affected; reversible by warming).
Coverage	Brush/spray: 1 litre per 4m ² of wood or masonry surface. By dipping (timber) approx. 5-20 litres per cubic metre (dependent on timber dimensions etc). By irrigation (masonry; 10 litres/m ³).
Pack Sizes	5, 25 litres. Larger size available to order.
Storage	Store safely in frost-free conditions away from direct sun light, sources of heat and foodstuffs.
Shelf Life	2 years in original tightly sealed containers.
Cleaning	All equipment should be cleaned and rinsed out with water after use.
Safety	Classified "Irritant". Instructions for safe handling and use are given on the product label. More detailed information on safety is available in the Wykamol 10 Material Safety Data Sheet.

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 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.



Incorporating Stanhope Chemical Products and Lectros

Knowsley Road Industrial Estate Haslingden Rossendale Lancashire BB4 4RX UK
Tel 01706 831223 Fax 01706 214998 e-mail sales@lectros.com Website www.wykamol.com
www.lectros.com