

WYKABOR 40

CONCENTRATED BORON/GLYCOL WOOD PRESERVATIVE

SPECIAL PROPERTIES

- Deep penetration in wet and dry wood.
- Odourless, low hazard product.
- Highly effective, dual purpose preservative.

DESCRIPTION

Wykabor 40 is a glycol-based wood preservative formulation containing disodium octaborate. Designed for use by injection into larger dimension timbers to protect against wood boring insects and fungal decay. It is particularly suited for use in damp/wet timbers in contact with masonry (e.g. joist ends, wall plates etc.) where the active ingredients can diffuse into 'high risk' areas. Treatments may be supplemented by a surface application of Wykabor 10 (see separate sheet and below)

Wykabor 40 is approved for use only by professional operators 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 Natural England, Scottish National Heritage, The Countryside Council for Wales or The Department of the Environment for Northern Ireland.

Wykabor 40 is suitable for use in bat roosts.



Before deciding on appropriate preservative treatment carefully evaluate the structural integrity of timbers and repair and/or replace those considered unsound (isolated from masonry where possible). Locate and rectify any sources of dampness.

Wykabor 40 can be used to treat sound (new or existing) timbers. For timbers already suffering from fungal decay/insect attack, treatments can be applied effectively as long as measures are also taken to remove sources of moisture and/or improve ventilation in the adjoining areas.

Timbers left in direct contact with masonry below ground level, or in other situations where there is a known continuing source of moisture, can be treated in-situ but should be re-inspected periodically to access their condition.

Cover water storage tanks and remove or cover fish tanks and bowls and any food stuffs etc. before application. Do not use on food preparation or storage surfaces.

Wykabor 40 is a deeply penetrating product which causes staining to both the treated timber and any porous materials it is contact with (e.g. plaster, masonry). Further, when timbers are dry, the boron salts may appear as surface crystals in places. **THESE FACTORS MAKE THIS PRODUCT SUITABLE ONLY FOR THE TREATMENT OF STRUCTURAL TIMBERS WHICH WILL NOT BE EXPOSED AS A DECORATIVE FEATURE.**

If sensitive linings or overlay materials are to be used in direct contact with treated timbers they should be isolated by the use of an impervious barrier. Alternatively, consider the use of Wykamol Boron Roads (see separate data sheet).

If treatments are being carried out as part of a dry rot eradication program carefully establish the full extent of the infestation and use Wykabor 10 to sterilise affected masonry as necessary (see separate data sheet).

PRODUCT DATA

Appearance	Semi-transparent colourless gel.
Flash point	>100°C.
Odour	None.
Coverage	Approx. 5kg/m ³ (see recommended drilling patterns)
Shelf Life/Storage	12 months when stored in cool, frost-free conditions away from sources of heat and direct sunlight. Keep out of reach of children, away from foodstuffs etc.
Safety	This product is not classified as hazardous but its use falls under the Control of Pesticides Regulations 1986. Read the label before use. More detailed information is available in the Wykabor 40 Safety Data Sheet.

APPLICATION

Drilling holes in face of beams

Holes of 10-12mm diameter should be drilled at intervals of 100mm along the grain and to within 15mm of the full depth of the timber (and otherwise as per the table below). Inject the **Wykabor 40** to within c. 10mm of the face of the timber and seal with timber dowling or plastic plugs.

Timber Dimensions (mm)	Drill Hole Depth (mm)	No. of Rows	m/cartridge (approx.)
100 x 50	35	1 (centred)	20
225 x 75	60	2 (75mm spacing)	7
300 x 150	135	2 (100mm spacing)	2

Drilling holes on edge of beams

Holes of 10-12mm diameter should be drilled at intervals of 150mm along the grain and to within 30-75mm of the full depth of the timber (see the table below). Inject the Wykabor 40 to within 30mm of the near face and seal with timber dowling or plastic plugs.

Timber Dimensions (mm)	Drill Hole Depth (mm)	No. of Rows	m/cartridge (approx.)
100 x 50	70	1 (centred)	20
225 x 75	175	1 (centred)	7
300 x 150	225	2 (50mm spacing)	2

General Notes

In order to provide treatment to inaccessible sections of timber (e.g. joist ends bearing on masonry) the first set of drill holes should be started as close to the exposed edge of timber as possible and directed at an angle into the concealed section. The depth of these drill holes will be determined by the length of the recess; otherwise treat as above.

The specifications given above should ensure that **Wykabor 40** is evenly distributed and sufficient to protect against and/or eradicate insect attack/fungal decay. However, in very damp conditions as an added precaution against surface mould growth or spore germination consideration may be given to the application of a brush or spray coat of Wykabor 10 (see separate data sheet). Also in relatively dry timbers, to ensure complete control over common furniture beetle infestations and provide resistance to egg laying etc. a surface application of Wykabor 10 is required. For larger areas requiring spray treatment against common furniture beetle etc. we recommend one of our Microtech range of wood preservatives is used (see separate data sheets).

Finishing

Provide a physical barrier to prevent unprotected persons and/or animals coming into contact with treated surfaces until dry (inaccessible timbers are considered to be outside this requirement). Dispose of empty cartridges carefully; transfer old nozzles to new cartridges wherever possible.

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.

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