

BRUNOSOL CONCENTRATE 6X

SPECIAL PROPERTIES

- Instantaneous action against dry rot
- Deep penetration in masonry
- Non-flammable

DESCRIPTION

Brunosol Concentrate 6X is a water soluble surface biocide based on Sodium 2-phenyl phenoxide for use in the treatment of masonry and brickwork for dry rot (*Serpula lacrymans*).

Approved under the Control of Pesticides Regulations 1986.

FOR USE ONLY AS A BIOCIDES BY PROFESSIONAL OPERATORS.

SITE WORK

Dry Rot Treatment

Whilst *Serpula lacrymans* does not derive nutrient from brickwork or masonry, viable spores or dormant vegetative growth within the structure can act as a source of re-infestation unless contained or eradicated.

Brunosol Concentrate 6X fulfills this purpose by providing a biocidal barrier within the wall.

PREPARATION

Rectify the defects contributing to the damp conditions which caused the outbreak (e.g. repair rain water drainage systems, roof leaks, etc; improve sub-floor ventilation, install DPC).

Expose the full extent of the outbreak, including a margin of clearance beyond the last visible signs of growth in all directions, remove all mycelium, built-in timber lintels, wall plates, bonding timbers and plugs from the affected walls and clearance areas and dispose of by burning. N.B. If it is considered impractical to remove all timbers from infected walls etc, it may be possible to protect



them in situ depending on the precise conditions prevailing etc.

For further advice, consult the Wykamol Group Technical Department.

Dilution – 1 part **Brunosol Concentrate 6X** should be diluted with 5 parts water.

A 4.2 litre bottle should be diluted to produce 25 litres of working strength solution, rinse container prior to disposal.

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND SYNTHETIC RUBBER/PVC GLOVES PLUS EYE PROTECTION WHEN DILUTING OR SPRAYING OVERHEAD. AVOID EXCESSIVE CONTAMINATION OF COVERALLS AND LAUNDER REGULARLY. COVER WATER STORAGE TANKS BEFORE APPLICATION. DO NOT BREATHE SPRAY MIST. WHEN USING DO NOT EAT, DRINK OR SMOKE, DO NOT CONTAMINATED WATERCOURSES OR GROUND, PREVENT ANY SURFACE RUN-OFF FROM ENTERING DRAINS. DISPOSE of waste material or container safely.

APPLICATION – WALLS

Walls should be treated in depth with diluted **Brunosol Concentrate 6X** at the rate of 10 litres per m³ of brickwork or masonry. 4½” (115 mm) brick walls can normally be treated by generous low pressure spray application (at 1 litre/2m²) to both sides of the wall. Thicker walls will need to be drilled at approximately 230 mm staggered intervals over the area to be treated (12-16 mm drill bit). Holes should be angled downwards between 30° and 45° to facilitate filling them with the treatment solution.

When the walls are drilled from both sides, the depth of the hole should reach the centre of the wall. If the walls are drilled from one side only, the depth of the holes should extend to within approximately 50 mm of the reverse face of the wall. Such treatments should be completed by surface application to both faces of the walls, although external walls need not be sprayed from the outside.

11” (280 mm) cavity walls can be treated as two separate 4½” (115 mm) walls providing sufficient access at suitable intervals to the cavity has been made to ensure proper application of the **Brunosol Concentrate 6X** to the faces of the brickwork exposed within the cavity. It should be ensured that the cavity is clear and where possible ventilated.

Local conditions, wall materials and type of construction would determine any variations which may be necessary to the suggested method of treatment to ensure the correct quantity of fluid (10 litres per m³) is evenly distributed within the mass of brickwork or masonry being treated.

APPLICATION – Floors

Where the fungal growth has extended into the sub-floor area below a timber ground floor structure, the base of the structural walls, sleeper walls and oversite of the affected area must also be treated with **Brunosol Concentrate 6X**. Where the growth has penetrated a concrete oversite or subsoil it should be excavated and the exposed surface treated with Brunosol Concentrate solution. Note: areas below ground level (where sources of moisture cannot be isolated) may not be suitable for treatment using the above procedures.

FINISHING

N.B. UNPROTECTED PERSONS AND ANIMALS SHOULD BE KEPT AWAY FROM TREATED AREAS FOR 48 HOURS OR UNTIL SURFACES ARE DRY.

Ideally, any area affected by dry rot should be left exposed as long as possible after treatment to facilitate rapid drying out of the masonry/oversite. Nevertheless, re-instatement including replastering can proceed without delay after the application of **Brunosol Concentrate 6X** if required.

All replacement timbers should be treated with a suitable wood preservative (see separate data sheets) and isolated from direct contact with masonry (e.g. use DPC material behind studwork for dry lining plasterboard or galvanised steel hangers to support joist ends). In cases where damp conditions are likely to persist, timbers should be treated by industrial pretreatment as detail in BS 5589 : 1989.

If an inadequate sub-floor ventilation system was a contributory factor to the Dry Rot outbreak, steps must be taken to improve the system. This can normally be achieved by inserting additional or larger air bricks, strategically placed and free from obstruction (see BRE DAS 73, 1986).

Any obstructions within the sub-floor areas which would impede the cross flow movement of air must be dealt with. A satisfactory sub-floor ventilation system is one which will maintain the moisture content of the under side of the floor structure below 20%.

PRODUCT DATA

Appearance	Clear amber liquid.
Coverage	1 litre/2-5m ² , 10 litres/m ³ (diluted solution)
Shelf Life	12 months in sealed containers
Storage	Protect concentrate and dilute solution from extremes of temperature (store at 5° – 25°C). Keep away from food, drink and animal feeding stuffs. Keep out of reach of children.
Packaging	4.2 litre, 25 litres only
Cleaning	All equipment should be thoroughly cleaned and rinsed out in water after use (keep for subsequent dilutions or dispose of safely). Wash hands and exposed skin before and after use.
Safety	Irritating to eyes and skin. Certain statutory regulations apply to this product – read the label before use (and see above). More detail information for hazard assessment, emergency procedures, etc. are available in the Brunosol Concentrate Material Safety Data Sheet.

TECHNICAL INFORMATION

This data sheet is intended for the use of professional remedial operators and is compiled accordingly. Further guidance on the use of masonry biocides as part of a strategy for the control of dry rot can be found in Remedial timber treatment in buildings' (HSE Books. ISBN 0-11-885987-0) and the BWPDA Code of Practice for Remedial Timber Treatments. For further advice on the use of Wykamol products, contact the Technical Department at the address below.

READ THE LABEL BEFORE YOU BUY USE
PESTICIDES SAFELY

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Wykamol Group

Unit 3 Boran Court, Network 65 Business Park, Hapton, Burnley. BB11 5TH

t: +44 (0)845 400 6666 f: +44 (0)845 400 3333

www.wykamol.com e: sales@wykamol.com