



Data Sheet No:
TDS 160
Version 4

SOVEREIGN TECHNICAL DATA SHEET SOVAQ FUNGICIDAL WALL SOLUTION EXTRA

Description

Sovereign Sovaq Fungicidal Wall Solution Extra (FWS Extra) is used for the eradication of Dry Rot (*Serpula lacrymans*) in masonry. FWS Extra contains two active ingredients to give rapid and visible results. Being a micro emulsion it will give deeper penetration than conventional products. It can also be used in the gauging water when treated areas are re-rendered.

Form Supplied: Liquid Concentrate

Pack Sizes: 1 litre, 5 litre

Colour range: Orange, dries clear

HSE No: 7913

Contains: 4.8% w/w I.P.B.C. &
24.1% Benzalkonium
Chloride

General

Active fungal attacks occur because of the presence of moisture in the building. The location and rectification of the cause of the moisture and subsequent drying out of existing dampness is an essential part of the remedial treatment.

When rot in timbers is discovered immediate steps should be taken to determine the full extent of the problem and the species of fungus involved in the decay. The following course of action should be adopted if dry rot is discovered in a building: -

1. Carefully inspect all timbers in the vicinity of the observed fungal attack, taking up floorboards, removing skirtings, etc. where necessary, to identify the full extent of the problem. Examine woodwork in adjoining areas.

Confirm retained timber is suitable for treatment. Where there is doubt consult a Structural Engineer.

2. Locate and rectify the source(s) of dampness originally responsible for the fungal outbreak. Pay special attention to the outside of the building for potential causes of dampness such as leaking rainwater goods, bridged damp-proof courses etc.

3. Inspect adjacent plasterwork for signs of fungal growth or strands. Flaking, bulging or cracking of the plaster should be investigated. Damp patches on plaster should also be investigated. The spread of fungus can be determined by removal of plaster samples at regular intervals.

4. Cut out and remove all decayed timber extending 300-450 mm beyond the last visible signs of fungal growth. Remove and isolate affected timber.

5. Strip off any plaster found to contain or suspected to contain the fungus for some 300 mm (1 foot) adjacent to woodwork at risk.

6. Remove all built-in timbers (lintels, bonding timbers) within the affected wall areas and replace with steel or concrete, in accordance with Local Building Regulations.

7. Random bricks in cavity wall constructions should be removed to assess spread of fungus in this area.

8. Remove all dust, dirt, rubble and sawdust, which may contain strands of fungus.

9. Sub floor oversites may be treated with Sovaq FWS Extra but only where such treatment is considered both necessary and justified.

10. Check ventilation to hollow or suspended floors. Ensure air bricks and ventilators are cleared and properly placed to allow adequate ventilation.

11. Thoroughly clean all wall areas and oversites to remove any surface fungal growth or strands, using a stiff brush where necessary.

12. Sterilise all exposed wall areas with Sovaq FWS Extra fluid through surface application or irrigation via holes drilled in the wall. Surface applications should be made by brushing or by **coarse** spray (do not use atomiser sprays). Where fungal growth is extensive and has penetrated the structure, the wall should be drilled deeply (two thirds depth) at 230 mm (9") staggered centres at a downward angle into mortar beds to ensure full penetration of Sovaq FWS Extra.

Irrigation should only be undertaken when there is demonstrable need for deep penetration of Sovaq FWS Extra fluid as in the following circumstances:

- A. To impose a cordon sanitaire between an outbreak and timbers in the immediate vicinity that are as yet unaffected.
- B. To deal with fungus and protect residual timbers in places where stripping of the wall for full examination and surface treatment is undesirable.
- C. For saturation of the base of an infected wall without a d.p.c. membrane, from which the fungus may have become firmly established on timber debris in adjacent soil.
- D. In certain circumstances in which party walls between properties are infected.

Application Rates

Irrigation: 10 litres per m³
Spray: 3 – 4 m² per litre

Dilution

Dilute 1:24 with water. 1 litre of concentrate will produce 25 litres of ready to use solution.

Cleaning up

Soap and water.

For full health and safety information see Safety Data Sheet reference number SDS 160.

Storage: Store between +5°C and 30°C.

Shelf Life: 12 months unopened.

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