

# Solignum® Colourless AZ

## Wood Preservative

### FEATURES

- Supplied ready-for-use
- Easy to apply
- Penetrates wood rapidly
- Effective against wood-boring insects and wood destroying fungi
- When dry, treated timber is not harmful to garden plants

### DESCRIPTION

SOLIGNUM® COLOURLESS AZ is an organic solvent-based wood preservative containing two fungicides (propiconazole and tebuconazole) and an insecticide (permethrin). Solignum Colourless AZ is used in the treatment of new and existing external and internal timbers, out of ground contact, and above the damp proof course. Solignum Colourless AZ penetrates into the wood, eradicating and protecting against wood-boring insects and wood-destroying fungi.

### PROPERTIES

Appearance: Clear, colourless liquid  
Odour: Aromatic solvent  
Flash point: 45.8°C  
Density (g/cm<sup>3</sup>): 0.8304 at 20°C

### PACKAGING and STORAGE

Solignum Colourless AZ is supplied in 1, 5, 25 and 200 litre containers. Keep away from oxidising materials, heat, hot surfaces, sparks, open flames and other ignition sources. Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep containers upright. Protect containers from damage. Protect from temperatures below 5°C. The storage area floor should be leak-tight, jointless and not absorbent.

### HANDLING PRECAUTIONS

The handling and safety precautions shown on the Solignum Colourless AZ product label must be understood and followed at all times. Use only as a wood preservative and as described on the label. See the Safety Data Sheet for further information.

Always consult the label and the Safety Data Sheet before use.

### SAFETY INFORMATION

Flammable liquid and vapour.

May be fatal if swallowed and enters airways.

May cause drowsiness or dizziness.

Causes damage to organs through prolonged or repeated exposure.

Very toxic to aquatic life with long lasting effects.

Contains permethrin (ISO), propiconazole (ISO). May produce an allergic reaction.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Do not smoke.

Do not breathe vapour/ spray.

Avoid release to the environment.

Wear protective gloves/ protective clothing/ eye protection/ face protection.

IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

Get medical advice/ attention if you feel unwell.

Do NOT induce vomiting.

Store in a well-ventilated place. Keep cool.

Dispose of contents/ container in accordance with national regulations.

### RECOMMENDATION FOR USE

**Internally:** Solignum Colourless AZ is for use in buildings on timbers above the damp-proof course, including floor joists, floorboards, stairs, roofing timbers and joinery.

**Externally:** Solignum Colourless AZ is for use on timbers out of ground contact and in buildings on external timbers above the damp-proof course, including doors, window frames, surrounds, frames, fascias and bargeboards.

The performance of the preservative will be improved by the application of a durable surface coating or by further applications of the preservative as a maintenance treatment.

### Timber Preparation

Wear gloves when working with wood. Wear a dust mask and goggles when cutting or sanding wood.

Cutting, planing or drilling of timber should be completed before treatment. Weathered surfaces should be brushed to remove loose material and sanded back to sound wood. Solignum Colourless AZ does not restore strength to degraded timber.

Wood should be dry and free from bark, paint, varnish, polish, dirt, dust, mould, lichen or algae which prevent preservative penetration.

Preservative may not penetrate wood which is wet.

### Preparation of the Treatment Area

All electrical circuits passing through treatment areas must be switched off during treatment, and for 48 hours following treatment, to ensure that lighting and electrical equipment are not a source of ignition.

Rubber insulated electrical wiring must be protected from contact with the preservative (e.g. wrapped in polythene), to avoid solvent dissolution of the rubber.

In roof areas, sarking membranes should be removed during treatment to avoid solvent dissolution. Where this is not possible they must be protected from contact with the preservative.

Roof insulation must be removed and only replaced when the preservative treatment is thoroughly dry, to avoid solvent retention in the roof insulation becoming a fire hazard.

Water storage tanks must be covered to avoid contamination by the preservative treatment.

### Preservative Application

Ensure it is used in well-ventilated area.

Wear suitable protective clothing, gloves and eye / face protection.

Do not apply to surfaces on which food or feed is stored, prepared or eaten.

Ensure the contents of the container are thoroughly mixed before application and periodically during application.

Externally, wood preservatives should be applied during dry and windless weather conditions above 5°C. Care must be taken to protect the immediate surroundings during application. Plants should be protected from contact with treated timbers until the treatment is thoroughly dry.

### Coverage

Solignum Colourless AZ should be applied with a brush in an even coat to achieve a coverage of 1 litre per 4-8 m<sup>2</sup>. Depending upon the porosity and texture of the timber, further coats may be required to achieve the recommended coverage.

### Treatment of New and Replacement Timber

Solignum Colourless AZ can be applied to replacement timber by immersion.

Immerse the timber for a minimum of 10 minutes. Uptake of preservative and long-term performance will be improved by longer immersion times.

It is important that all faces of replacement timbers are protected: any surfaces exposed by cutting, drilling or other re-working must be thoroughly re-treated.

### After Treatment

Children and animals should be kept away from treated wood until it is thoroughly dry.

Wipe excess preservative from the surface of the plastic insulation on electrical cables, to avoid solvent absorption and long-term breakdown of the insulation.

Maximum ventilation should be provided to allow evaporation of the solvents. Floor boards should be left up for as long as possible to allow ventilation.

**Drying time:** Typically 48 hours, dependent upon ventilation, ambient temperature and weather conditions.

To avoid the possibility of retained solvent adversely affecting flooring and carpeting, floors treated with Solignum Colourless AZ should be allowed to ventilate for a minimum period of 4 weeks. In addition an impervious lining should be laid before installing flooring or carpeting.

**Cleaning:** Clean equipment after use with white spirit or similar solvent. Dispose of washings safely. Wash work clothes separately from other household clothing before re-use.

### DISPOSAL

Avoid release to the environment. All sawdust and construction debris should be cleaned up and disposed of after construction. Do not allow wood waste which contains preservative to be used for animal litter. Empty containers and cleaning materials containing preservative must be disposed of in accordance with national and local regulations. For up to date information please contact the Technical Services Department.

### ADDITIONAL INFORMATION

Solignum Colourless AZ contains permethrin, propiconazole and tebuconazole. Always read the label. Use pesticides safely.

Koppers Performance Chemicals provides a range of products and technologies for the treatment, protection and enhancement of timber. Information and advice is available on all aspects of our products from the Technical Services Department.

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