

Technical Data Sheet

Date of compilation: 25/01/2022

ARC WOOD PRESERVATIVE & WOODWORM KILLER

DESCRIPTION

ARC Universal Wood Preservative and Woodworm Killer is a ready to use fungicide and insecticide (using microemulsion technology to penetrate like a solvent) for preventative treatment against wood boring beetles, termites, and wood rotting fungi. Also, for curative treatment against wood boring beetles.

Interior and Exterior use, on both hard & soft wood. Certified to European and Industry standards.

Effective against a wide range of wood rotting fungi and all life stages of wood boring insects (i.e woodworm). The formulation is a water-based microemulsion that has virtually no odour, producing a non-flammable, quick drying product containing no volatile organic compounds (VOC's) and is ready to apply direct from the container.



BENEFITS

- Kills active infestations of wood boring insects and prevents re-infestation
- Prevents fungal decay
- Interior and Exterior use
- Zero VOC's - Low Odour
- Quick drying

ACTIVE INGREDIENTS

Permethrin – a common pyrethroid insecticide which defends against a wide range of wood boring insects.

Propiconazole – a fungicide which protects from wood destroying fungi

IPBC – a carbamate fungicide protecting against wood staining fungi

The active ingredients in the formulation are all sourced and supplied by manufacturers who have supported their compounds through the Biocidal Products Directive [98/8 EC] or more recently the Biocidal Products Regulation [528/2012] and in compliance with Article 95 of the Biocidal Products regulation.

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EFFICACY CERTIFICATION

Efficacy of this product has been proven to industry established and European standards.

CERTIFIED	ORGANISM	USE
BS EN 46	House Longhorn Beetle (Hylotrupes Bajulus)	Preventative
BS EN49-1	Common Furniture Beetle (Anobium Punctatum)	Preventative
BS EN 118	Termites (Reticulitermes Santonensis)	Preventative
BS EN 113	White & Brown Rot (wood destroying basidiomycetes)	Preventative
BS EN 370	Common Furniture Beetle (Anobium Punctatum)	Curative
BS EN 1390	House Longhorn Beetle (Hylotrupes Bajulus)	Curative

APPLICATION

Hazard class 1, 2 and 3*. Wear appropriate protective clothing. Wood should be clean and free from wood dust and other contaminants. Apply by brush or low-pressure spray. Exterior application must be by brush ONLY.

Apply at a rate of 100ml/m² (1litre per 10m²):

For a preventative use against wood boring beetles.

Apply at a rate of 152.8 - 200ml/m² (1litre per 5m²):

For a preventative use against wood rotting fungi.

Apply at a rate of 200ml/m² (1litre per 5m²):

For a preventative use against wood boring beetles, termites and wood rotting fungi.

Apply at a rate of 300ml/m² (1litre per 3.3m²):

For curative use against wood boring beetles.

Product is touch dry in 1 hour depending on wood and ambient conditions. Unprotected persons and animals should be kept away from treated surfaces until dry.

Arc Universal Wood Preservative & Woodworm Killer is not designed to be a final coat. It should be suitable for over coating 24 hours after application (dependant on wood and conditions)

Clean up: Remove most of the product from brushes with tissue, then wash with soap and clean water.

Please note, coloured tint is only intended as an indicator of treated areas and is not intended as a lasting wood stain.

Use Biocides safely. Always read the label carefully.

**Timbers in hazard class 3 must be over coated with a weatherproof finish to prevent leaching of active ingredients into the environment.*

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STORAGE, SHELF LIFE & AVAILABILITY

Store in a cool, well-ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquid. Must only be kept in original packaging. Protect from frost.

Shelf life 2 years.

Available: 1L, 2.5L, 5L and 25L in Clear or Tinted(Blue/Green)

USE SPECIFIC INSTRUCTIONS & RISK MITIGATION MEASURES

FOR USE ONLY AS A WOOD PRESERVATIVE.

FOR PROFESSIONAL AND NON-PROFESSIONAL USE.

Do not touch or walk through spilt material. When dealing with spillage to not eat, drink or smoke. Avoid breathing vapour or mist. Provide adequate ventilation. Unprotected persons and animals should be excluded from the area being treated and should remain excluded until surfaces are dry, which may vary depending on climatic conditions.

Treated surfaces should not be touched until dry. Any product on skin should be washed off. Avoid contact with eyes. Application solutions must be collected and reused or disposed of as hazardous waste. They must not be released to soil, ground and surface water or any kind of sewer. Always read the label or leaflet before use and follow all the instructions provided. Do not use on wood which may come into direct contact with food, feeding stuffs and livestock animals. Treated wood should not be intended for uses involving contact with food, feed or livestock. Do not contaminate foodstuffs, eating utensils or food contact surfaces. Avoid prolonged contact of pets, particularly cats, to treated surfaces. Inform the registration holder if the treatment is ineffective.

ADDITIONAL INFORMATION FOR PROFESSIONAL USERS

Wear a protective overall (at least type 6, EN 13034), suitable protective gloves (rubber or nitrile) and eye/face protection when handling or applying the product.

TO REDUCE RISK TO THE ENVIRONMENT

When UC 2 application takes place outdoors under a roof, soil/ground in the vicinity of timber to be treated must be protected with a tarpaulin or plastic sheeting) until treated surfaces are "dry" (i.e. they no longer drip). Any waste should be disposed of safely in line with national waste management measures (product should be left to dry and any solids added to domestic waste for disposal at landfill). During in-situ application to timbers and whilst surfaces are drying, do not contaminate soil. All losses of the product must be contained (e.g. by appropriate covering of soil with a tarpaulin) and disposed of in a safe way.

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Treatment of timber must not take place over/near surface water bodies. For UC 3, application takes place by brush only, at a maximum active substance application rate of 2.25g/m² propiconazole, 0.75g/m² IPBC and 0.75g/m² permethrin and only where a treatment system that includes an undercoat and a non biocidal topcoat is employed.

USE CLASSES

UC 1	Interior use - not exposed to weather/wetting
UC 2	Under cover use - not exposed, but occasional, not persistent wetting
UC 3	Exterior use - above ground and exposed to weather
UC 4	Wet use - in direct contact with the ground or fresh water
UC 5	Permanent wet use - permanently or regularly submerged in salt or brackish water

DISPOSAL & SPILLAGE

Collect spillage if safe to do so. Contain and collect spillage with a suitable absorbent and put into a securely sealed, leak proof container. Label container for disposal as hazardous waste. Avoid an accidental discharge into sewers, surface water or soil. Soil contaminated by the undiluted product should be treated as hazardous waste. In case of an accidental discharge of a large amount of the product to surface water, groundwater or sewer inform the appropriate authorities according to local regulations. Empty containers, unused product and other waste generated during treatment are considered hazardous waste. Dispose of in accordance with local regulations. Do not release to soil, ground, surface water or sewers.

SAFETY INFORMATION

Product Safety Data Sheet must be read and understood before use.

BPR Authorisation Number:

IE/BPA 70493-04-023 Professional Use

IE/BPA 70493-05-023 Non Professional Use

Clear UFI: 3QF9-E3EF-0008-JHH3

Tinted UFI: 0K7D-J3NE-9004-1W7M

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NOTE

All products should be sold in accordance with the manufacturer's instructions. The manufacturer cannot be held responsible where conditions of use are beyond our control. Full information and advice is freely available from our Technical Services Department e-mail technical@arcbuildingproducts.ie. Whilst any information contained herein is to the best of our knowledge true and accurate, no warranty is given or implied in connection with any recommendations or suggestions made by us, our representatives, agents, or distributors, as the conditions of use and any labour involved are beyond our control. Our warranty is therefore limited to the quality of supplied product.