



LIGNOTEC

MULTI-PURPOSE BIOCIDES

PRODUCT DESCRIPTION

ACS Lignotec is a ready-to-use, multi-purpose, multi-functional wood preservative and surface biocide, designed for application to a wide variety of surfaces, including, brick, stone, wood and metal. The product is suitable for exterior application in use classes 3 and 4 on surfaces not in direct contact with the ground or water.

ACS Lignotec has approval under UK COPR for amateur, professional and industrial use (for commercial application, see separate data sheet).

ACS Lignotec is moisture regulating and penetrates deeply into both wood and masonry

COMPOSITION

ACS Lignotec is based on modified vegetable oil and co-polymers, combined with a combination of low-toxicity fungicides and insecticide in aqueous medium.

USES

AS A SURFACE BIOCIDES: **ACS Lignotec** can be used to control and eradicate mould and algae on stone, brick, render, timber and metal. Offers long-term protection on masonry when used in association with ACS MWR 400 for masonry or ACS Woodbead on timber.

AS A WOOD PRESERVATIVE/JOINERY PRESERVATIVE: **ACS Lignotec** can be used to treat timber against wood decay fungi, disfiguring fungi, such as sapstain, and wood boring insects. Ideal for use on sheds, fences, trellis, cladding, barge-boards, soffits, Yorkshire boarding and general construction timbers. Use as a pre-treatment before applying topcoats such as **ACS Hydrobar® Woodbead** or other off-the-shelf coatings for items such as doors, railings, window frames and shutters.

TECHNICAL PROPERTIES

Colour:	Translucent/opaque
Specific Gravity (typical):	1.00g/ml
Application rate:	200ml/m ²
Thinners/Clean-up:	Water
Processing Temperature (wood and product):	+10-30°C
VOC (Volatile Organic Content):	<1g/l
Shelf-life:	At least 24 months in unopened containers

Drying Times @ 20°C/50% rH

Time to topcoat application

(*) Approximately 4-6 Hours but allow 24-hours before over-coating with stains, paints or varnishes

(*) Depending on drying conditions and substrate porosity

MIXING

Stir or shake well before use

SURFACE PREPARATION (BARE TIMBER)

Ensure all surfaces are clean, dry and free of oil, grease and organic growth. Silvered timber should be lightly abraded prior to application

When using on masonry, brush the surface to remove dust or debris and make good any cracks or defects.

SURFACE PREPARATION (PREVIOUSLY PAINTED TIMBER)

ACS Lignotec must be applied to an adsorbent surface. Therefore, all existing paint or varnish should be removed prior to application and the surface brushed to remove dust and dirt. Exhibit care when removing old paints as many were lead-based.

APPLICATION

Do not thin. When using as either a surface biocide (to control moulds and algae) or a wood preservative (to control wood decay fungi and wood boring insects) to the prepared surface, apply 2-3 coats by brush or short to medium pile roller, or, in the case of professional application, battery operated sprayer. When treating timber, spread evenly along the grain. The number of applications required will be determined by the wood type and/or porosity of the masonry.

SUBSEQUENT TREATMENTS

Once dry, **ACS Lignotec** can be over-coated with a suitable protective topcoat such as **Hydrobar® Woodbead** (for timber) or **ACS Hydrobar® MWR 400** (for masonry). Most commercially available topcoats are also suitable but we recommend testing a small area first to ensure the topcoat is compatible.

CLEAN UP

Brushes and application equipment may be cleaned with warm, soapy water.

LIMITATIONS OF USE

Do not apply if there is a likelihood of rain, fog or frost before the coating has completely dried (up to 24-hours after application).

Do not apply to surfaces where food is prepared, stored or eaten.

STORAGE CONDITIONS

Store in warm, dry conditions, apart from food, drink and animal feedstuffs.

PACKAGING

1.0lt, 2.5lt, 5.0lt and 10.0lt for amateur use. Up to 25.0lt for professional use, and 200.0lt to 1,000.0lt IBC for commercial and industrial use

Hydrobar® is a registered trade mark of Advanced Chemical Specialties Ltd

This information is given in good faith and is based on the best of current knowledge through use and experience. However all recommendations are given without warranty or guarantee as conditions of use lie outside our control. Customers are advised that all products are under constant review and changes may occur without notice. Any person considering using this product should arrange to assess the suitability for application prior to commencement.

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