



PRODUCT DESCRIPTION

ACS Hydrobar® **Woodbead** is a single-pack, waterborne impregnating water repellent for exterior softwood joinery. Once completely cured, the product has high water-shedding properties and a long-lasting, pronounced beading effect. Suitable for application to bare softwoods and hardwoods(*). Laboratory testing has shown marked reduced levels of water uptake, even after 4000hrs QUV (approximately 10+ years). Noticeable beading on field trial product, even after 17 years exposure in an Alpine environment.

(*):The life expectancy on less porous hardwoods may be reduced)

USES

Imparts water and dirt resistance to exterior timber joinery, including cladding, sheds, fences, noise barriers, decking and seats. **Woodbead** protects timber from moisture but allows the joinery to age naturally. **Woodbead** contains no fungicides or UV controlling pigments but will inhibit organic growth through its water repellent properties.

Improves the life expectancy of timber species vulnerable to decay, such as pine and lower grade softwoods.

Woodbead can be used with the **ACS Timber Treat** (see separate data sheet) if control of sapstain and wood decay fungi is required. Apply the Timber Treat one to two days prior to application of the **Woodbead** to allow time for it to be adsorbed by the timber and begin its work.

After application, **Woodbead** leaves little or no visible signs of application, except areas treated with **Woodbead** will not darken when wet.

PREPARATION

Ensure all surfaces are clean, dry and free of oil, grease and loose or flaking material such as bark. Remove all organic growth such as mosses, lichens, moulds and fungi. The glossy surface of prepared timber (PAR) should be lightly abraded with wire wool or medium grade Aluminium Oxide paper to reduce surface tension and increase porosity. Old, 'silvered' timber should be rubbed-down to remove degraded material to expose new wood. Mask off any glazing and cover plants. If spraying, do not allow spray-drift to come into contact with sensitive surfaces, such as vehicles.

COMPOSITION

A single-pack, ready-to-use aqueous solution, of functional silicone resin.

FINISH

Does not significantly alter the essential colour and tone once dry.

TECHNICAL SPECIFICATION

Colour:

Milky white (dries clear)

Touch dry @ 20°C:	1-2 hours
Surface dry @ 20°C:	2-3 hours
Shower proof @ 20°C:	After approximately 24 hours depending on drying conditions
Full Protection:	Up to 4 weeks after application
Clean up:	Water. Remove as much material from application equipment as possible prior to cleaning
Shelf-life:	Approximately 12 months in unopened containers
Theoretical Coverage:	4-8m ² /litre depending on porosity of timber

APPLICATION

Woodbead is suitable for application to bare timber. Any paints, stains or varnish must be completely removed prior to application.

Product may settle during storage and transport, so shake the contents before and periodically during use. Apply by brush, deep, pile roller or conventional garden sprayer. Apply an initial coat, starting from the top of the substrate to be treated, working down the surface and allowing excess liquid to run down. Once the whole surface has been treated, but before the initial coat has dried, apply a second coat (so called wet-on-wet application). Once completely dry, further applications may not be adsorbed.

LIMITATIONS OF USE

Do not apply if there is a likelihood of rain, fog or frost before the coating has completely dried, if the surface is wet or if within 3°C of the dewpoint. Surfaces treated with **Woodbead**, will not accept waterborne or solvent-based paints until several months of weathering has taken place. Remove splashes from glass and plant life immediately or mask-off or cover prior to application.

PACKAGING

2.5lt, 5.0lt, 25.0lt drums and 1,000lt IBC.

Store in frost-free conditions, out of direct sunlight

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This information is given in good faith and is based on the best of current knowledge through test, use and experience. However all recommendations are given without warranty of guarantee as conditions of use lie outside our control. Customers are advised that all technical information is under constant review and that changes may occur without notice. Any person proposing to use this product should make arrangements to assess their suitability for application prior to commencing work.

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