

## General Description:

AQUAWOOD WAX STAIN is a monocomponent water based material for outdoor application with excellent resistance to blocking and provides long term protection against fungi and mould.

## Major Uses:

Wooden items for interior and exterior exposure.

## Physical Properties:

Appearance	Coloured Liquid
Solid content (%)	23 ± 1
Specific weight (kg/lt)	1 ± 0.2 kg/L
Viscosity @ 25°C	37 ± 1 (FC # 4)
Drying time @ 25°C	
Touch dry	1 hr.
Recoatable	4 hrs.
Spreading rate	15-20 m <sup>2</sup> /coat depending on the wood species
Number of Coats	1 ~ 3
VOC	125 g/L

## Available colours:

AWS 010	PINE
AWS 020	NATURAL OAK
AWS 040	OREGON PINE
AWS 060	WALNUT
AWS 070	TEAK
AWS 100	MAHOGANY
AWS 110	EBONY
AWS 140	PALISANDER

## Method of Application:

Brush, Dipping, Spray

## Mixing Procedure:

Ready to use. If a lighter colour is required. Blend with the clear version AQUAWOOD WAX STAIN NATURAL

## Product Characteristics:

AQUAWOOD WAX STAIN are wax effect waterbased wood stains which ensure wood decoration leaving its natural look unchanged (thin film). The special wax contained in the products gives excellent water-repellent properties.

This also gives better stability to the coated item, ensuring additional protection against the desegregating action of water if compared to waterbased systems with conventional protective wood stain. AQUAWOOD WAX STAIN is suitable for protecting wood exposed to the exterior environment against attack from staining fungi and rot. They contain transparent iron oxides (clear version excepted), which provide good light fastness and absorb UV rays thus protecting the wood from lightning attack.

We advise against clear only systems of exterior exposure, as they do not contain iron oxides and therefore do not ensure suitable protection against UV radiation.

## Use of Product:

### Wood species

The most suitable timbers are spruce, pine, yellow pine, Douglas fir and hemlock, both untreated and treated.

During impregnation phase, wood species such as oak, chestnut and iroko may suffer problems of flow due to the removal of tannin compounds commonly present in these timbers by the water based stain.

*The above information is given to the best of our knowledge based on laboratory test and practical experience. However, as the paint is often used under condition beyond our control, we cannot guarantee anything but the quality of the paint itself. We reserve the right to change the given data without prior notice.*

## MAS PAINTS & CHEMICAL INDUSTRY

P.O. BOX NO: 23085, SAJJAH INDUSTRIAL AREA, SHARJAH, U.A.E

TEL NO: 009716 5311777 ; FAX: 009716 5311330

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### Sanding of the bare wood

A thorough sanding is particularly important, 150 grit sanding is recommended.

### Application systems

Stains can be applied by flow coating, dipping, brushing or spraying. This last application method (Spraying) is to be used only when suitable protection and ventilation devices are used.

### Application on new timbers

Carefully sand the wood, (which is to be well dried), with 150 grit sandpaper. Apply from 1 to 3 coats, depending on the degree of exposure, with an interval between coats of 4 hours max. For longer intervals, sanding of the substrate with 280 grit sandpaper is recommended. Some sanding is recommended on the last but one coat, in order to improve the appearance. The next day, after completion, if increased water-repellence is required, carefully brush the stain, for instance with sorghum.

### Drying

Drying of water based products must take place at temperatures above 15°C and at a relative humidity not exceeding 85%. Out of these limits, there is a slowing down of the drying process and formation of a softer, less resistant film. In case the product is applied outside, avoid application in particularly humid (i.e. foggy) or cold days (less than 5-10°C).

### Special Instructions

- Stir products well
- Make sure the can is well sealed
- Store above 5°C
- Use in well ventilated area
- Use in temperatures above 10°C
- Do not pour waste down sinks, drains or sewers
- Waste must be disposed responsibly and in accordance with current legislation
- Keep out of the reach of children
- Avoid contact with skin or eyes

**WARNING: NATURAL RESIN ESCAPE.** Many timber species, especially conifers such as Pine, Larch, Douglas fir and spruce, contain large quantities of natural resin in capillaries and resin sacs near knots. It is virtually impossible to eliminate this or to use coatings to block it. Sooner or later the resin will escape, the only damage is to the appearance of the material and the quality of the film is not affected.

### Physiological Hazards:

AQUAWOOD WAX STAIN do not contain solvents. Ensure proper ventilation on working areas, wear gloves and safety clothing while application. AQUAWOOD WAX STAIN is not flammable but harmful if swallowed. When contact with eyes or skin occurs, splash with fresh water and seek immediate medical advice.

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