



# Waterborne Coating (For Exterior)

## ■ Introduction and Use

Robustness and endurance have always been the main concern of exterior wood coatings. With EVI waterborne for exterior, the life of coated wood has substantially increased.

EVI wood preservative waterborne is designed for the protection from the sun radiation and for the reduction of water absorption, as well as for the protection against fungi and mould.

This product will maintain its elasticity for a long period of time, allowing the coated film to follow the wood's movement without cracking.

EVI wood preservative waterborne is an eco-friendly product with negligible VOC emissions, and it is a non flammable product that can be thinned with water. It is suitable for all inside and outside timbers used in: wood houses, matchboards, under roof coatings, windows/doors, frames, shutters, fences, gates, etc... It is made of coniferous timber or timber without tannins or inhibitors as these compromise flow leveling, color uniformity and damage the appearance of handicrafts.

## ■ Particularly suitable timbers

Firewood - pine - sweedish pine - yellow pine - hemlock - douglas - larch - canadian cedar - meranti (we recommend to prepare a test to control the compatibility with the varnishing cycle used).

*\*For other kind of timbers contact our Technical Department*

## ■ Range of product colors

Larch, pine, chestnut, oak, douglas, mellow walnut, iroko, brenerro walnut, teak, mahogany, dark walnut, brown walnut, ebony, green, blue, olive and grey.



## ■ Wood selection

The wood must be healthy and without pith, there must be no trace of fungal or insect attacks, and no transverse cracking of the grain. The relative wood humidity should be in the range of 15%.

## ■ Joinery design

The edges must be rounded rather than angled at 45°, the profiles must be inclined at 15°, and technical solution must be devised to minimize wood movement, water stagnation and absorption at joints of horizontal components.

## ■ Coating thickness

To achieve sufficient outdoor resistance apply a minimum 250 to 300 microns on exterior exposed wood.

## ■ CATAS Quality Award CSEW 45/13

### The Superior quality of EVI wood preservative waterborne

Through the continued search for excellence, EVI has been awarded with the prestigious award: CATAS QUALITY AWARD - COATING SYSTEM FOR EXTERIOR following the EN 927-2. This certification attests to the fact that EVI has performed superbly in the test carried out to determine performance. This followed strict European Regulations to certify the coating system quality in terms of its exterior durability and wood protection as well as the quality control during the manufacturing process.

### The certified water based coating system for exterior

**E/2445:** Wood preservative impregnante waterborne for exterior

- 2 coats of 150g/m<sup>2</sup>, flow coating

**E/258X:** Wood preservative Topcoat waterborne for exterior

- 3 coats of 150g/m<sup>2</sup>, spray coating

