

Everwood® is an agent for protecting all types of timber from deterioration. It consists of a proprietary waterglass-based mixture modified with a special catalyst. The product penetrates in depth into the natural porosity and binds to the wood fibers to form a permanent barrier.

Everwood® is particularly effective for reducing the flammability of timber, it protects from the absorption of water and moisture.

Everwood® extends the durability of the wood and of any surface paints or treatments.

Properties

Everwood® is a permanent barrier that is particularly effective for preventing and reducing the percentage moisture of the timber (by at least 50%) and prevents the formation of mildew, fungi, bacteria, termites and flames which are the main causes of deterioration. It reduces the penetration of oils, grease and pollutants.

Everwood® does not produce any film but penetrates into the structure and allows the timber to breathe normally.

Everwood® protects from freeze / thaw cycles.

Everwood® increases hardness and therefore the resistance of timber to wear over time.

Everwood® considerably reduces the flammability of wood (NT fire 030 – 004).

Everwood® does not change the texture or natural colour of the timber. The product penetrates and dries quickly (from 30 min to 1 hour max) and can be over-painted after 30 days. It enhances the adhesiveness of varnishes, colorants, paints and putties uniformly and extends working life by 300%.

Everwood® is odourless, colourless, non toxic and environmentally friendly.

Uses

- Wood houses.
- Wood trusses and garrets.
- Outdoor wooden structures as a porch, sundeck or patio cove.
- Wooden garden furniture.
- Storage sheds.
- Timber fencing.
- Window casings and balconies.
- Containers for plants and wooden staves.
- Special floors.

Technical features

Composition	Proprietary blend of waterglass in aqueous solution
Expiry	12 months if stored sealed
Flammability	Not flammable
Coverage rate ⁽¹⁾	150 g/m ²
Environmental risk	None
Organic properties	Odourless, colourless liquid
Storage	Store frost free and keep away from glass and Aluminium
VOC Content	None
Dilution	None - ready to use
Curing	30 days. Can be handled after 1 hour
Packaging	5 liter tank and 1 liter bottle

(1) The coverage depends on the surface porosity

Application

Normal surface and untreated timber do not require any preparation. **Everwood®** must be applied at temperatures above 5°C.

All previous treatments or paintings must be removed in order to ensure the penetration and effectiveness of **Everwood®**.

Stir the product thoroughly before use. Do not dilute or mix **Everwood®** with any other liquid. Apply the product as provided.

Everwood® should be applied using brushes, rollers or by spraying with low-pressure pumps (max 5 bar).

Normal application requires one coat only and the coverage rate depends on surface.

For degraded wooden supports or to strengthen the protection, wait 7-10 days and apply the second coat.

Apply freely to saturate the surface.

Apply from the bottom upwards on vertical walls.

Excessive application will not penetrate and will stay on the surface. This excess must be removed with water and a scraping tool before hardening.

Following treatments:

Everwood® can be the only treatment in case you wish to keep the natural wood appearance. However it doesn't protect against UV rays. It provides excellent moisture protection. Water-based products can be applied after 24-48 hours. Film-forming products can be applied after complete treatment curing. Users are encouraged to test the product prior to application. Apply the product until saturation. On vertical surfaces apply from the bottom to the top. In case of excessive application, the product would not penetrate and would form a rubbery film on the top. It must be removed with water and scraping tool before hardening.

Everwood® penetrates into the surface and the floor will carry foot traffic in 2/4 hours from the application. Limited treading is possible after 30 minutes.

Wash the tools with water.

Consult the material safety data sheet for other notes.

Other applications:

Ecobeton technical service is at your disposal for any eventual explanation. (email : europa@ecobeton.it)

Performance

Properties	Result	Reference standard
Water absorption	50 % reduction	
Fire resistance	Class 1 on 12 mm MDF	NT Fire 030 and 004
Used as an undercoat for paints	300% increase in life cycle	
Life of the treatment	Permanent	

Warnings

Whitish satins can appear (after about one hour) if the product is applied excessively and these must be removed simply by using a slightly moist abrasive sponge.

Glass and Aluminium: protect glass and aluminium during application (watches, glasses, etc.) as they can be damaged by the product.

Temperature: do not apply below 5°C and above 40°C. Do not apply when precipitations are forecasted within 24 hours.

Note:

The information contained in this sheet is accurate to the best of our current knowledge. The products are of the highest quality and standard with regard to production tolerances. As it is impossible to carry out any controls on the application of the product, no express or implicit guarantee is provided as regards the final result and no responsibility is accepted directly or indirectly by the use of the products. Users are encouraged to carry out tests before application.

For more details visit website:

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Ecobeton Italy s.r.l. unipersonale è azienda certificata ISO 14001 con sistema di gestione ambientale.

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