



## Timber

**Metalco is FSC ® Certified with the number ICILA-COC-000137 and License Code FSC-C003657  
Ask for FSC ® certified products**

Wood is a natural material and for this reason each board is different from the other for wood grain, tonality and natural imperfections. Due to atmosphere conditions changes (hot/cold, dry/wet conditions) wood moisture changes and the wood may increase or decrease its volume, causing cracks and fissure. All of this is natural.

### A. HARDWOOD

Angelim Amargoso, Iroko, Movingui, Ipe.

Metalco selects, from time to time, the exotic wood which better suit to the product and/or to the project according to the availability on the market. Wood is always supplied with pigmented water based impregnation. On request it can be supplied without impregnation. FSC hardwood is supplied on request and therefore delivery times may increase.

### B. LARCH WOOD

Larch is provided solid or glued laminated wood (glulam), depending on the product and on the section worked. Wood is always supplied with pigmented water-based impregnation. On request it can be supplied without impregnation.

### C. OKUME'

It is always and exclusively supplied water- based painting (see finishing).

### D. OKUME PLYWOOD

It is always and exclusively supplied water-based painting (see finishing). On request RAL painting.

## Finishing

Types of wood and available finishing for each product are listed on the Metalco catalogues and website.

### A. PIGMENTED VEGETABLE OIL IMPREGNATION TREATMENT

**Attention:** wood surfaces treated with impregnation naturally tend to turn grey in a variable period of time depending on the environmental characteristics of the place of installation of the product. The formation of the grey patina is a physiological reaction and is a self-protection of wood against weathering, while not affecting the quality of the product. It is still possible to reduce the greying of the wood by making a regular renewal of the impregnation process (see "Maintenance").



### TREATMENT CYCLE

- 1** Automatic brushing
- 2** Manual application of water-based oil with a spray gun and brush
- 3** Storage for air drying
- 4** Visual quality control





## B. WATER-BASED PAINT

**Attention:** Metalco also strongly advises against the choice of a varnished wood where it is not possible to carry out regular maintenance and/or in case of placement in particularly harsh weather conditions (saline area, strong pollution, constant exposure to strong sunlight and high temperatures, etc.).

### PAINTING CYCLE

- 1** Base coat with catalyzed insulation (160 microns) – spray application\*
- 2** Drying (4-6 hours) and automatic brushing\*
- 3** Coat with water-based paint (200 micron) spray application
- 4** Storage for air drying
- 5** Visual quality control

\* Only on Okoume and similar woods

### Maintenance

On wood elements, Metalco offers warranty only against rot. In contrast, no warranty is provided on the duration of the treatments painting and pigmented water based, although performed in a workmanlike manner, as influenced by numerous factors beyond the manufacturer's control and may vary from environment to environment. For aesthetic and functional reasons Metalco requires regular maintenance of wooden surfaces (in conditions not particularly aggressive, at least annually). In the case of products which have undergone treatment or touch-up paint that require complete repainting, firstly sand to remove surface dust, dirt and any old paint. Secondly, proceed to the drafting of a good water-based paint for wood with brush or spray, as indicated on the product. The product must ultimately be left to dry (usually a time varying between 2 and 12 hours, depending on the amount and mode of application and climatic conditions). For products that have undergone water-based treatment and that need a touch up, simply proceed to lightly sand the surface to remove deposits of dirt, and then apply a new layer. It is beneficial to proceed with the renewal of the process of impregnation when you notice that the layer of the previous treatment has lost consistency and is disappearing (there is no standard but the timing depends on the conditions of "stress" in the environment where the product is placed).

In case of any doubt about the proper maintenance procedure, please contact the Metalco Quality Department for advice.

### GENERAL REQUIREMENTS APPLICABLE TO ALL METALCO'S PRODUCTS IN ANY MATERIAL

Upon receipt of the goods, where it is not possible to place and/or install them within a few days, they must always be removed from plastic (nylon) packaging to allow ventilation and prevent the formation of condensation that can irreparably damage the product.

Particularly, the packaging should always be removed immediately if it is not possible to keep the goods in a covered place protected from sunlight.