
VIROLA

REQUIREMENT OF A PRESERVATIVE TREATMENT

| | |
|---|---|
| Against dry wood borer attacks: | Requires appropriate preservative treatment |
| In case of temporary humidification risk: | Requires appropriate preservative treatment |
| In case of permanent humidification risk: | Use not recommended |

DRYING

Possible drying schedule

| Drying rate: | Normal to slow | Temperature (°C) | | | Air humidity (%) |
|------------------------|----------------|------------------|----------|----------|------------------|
| | | M.C. (%) | dry-bulb | wet-bulb | |
| Risk of distortion: | High risk | Green | 50 | 47 | 84 |
| Risk of casehardening: | No | 40 | 50 | 45 | 75 |
| Risk of checking: | High risk | 30 | 55 | 47 | 67 |
| Risk of collapse: | Yes | 20 | 70 | 55 | 47 |
| | | 15 | 75 | 58 | 44 |

This schedule is given for information only and is applicable to thickness < 38 mm.

It must be used in compliance with the code of practice.

For thickness from 38 to 75 mm , the air relative humidity should be increased by 5 % at each step.

For thickness over 75 mm , a 10 % increase should be considered.

Note: Kiln drying must be handled carefully and slowly in order to reduce defects, especially with thick material.

SAWING AND MACHINING

| | |
|-----------------------|--------------------------|
| Blunting effect: | Normal |
| Sawteeth recommended: | Ordinary or alloy steel |
| Cutting tools: | Ordinary |
| Peeling: | Good |
| Slicing: | Good |
| Note: | Sometimes fuzzy surface. |

ASSEMBLING

| | |
|---------------------|---------|
| Nailing / Screwing: | Poor |
| Gluing: | Correct |

END-USES

Main known end-uses; they must to be implemented according to the code of practice.

Important remark: some end-uses are mentionned for information (traditional, regional or ancient end-uses).

Note: Substitute for OKOUME (*Aucoumea klaineana*) or ILOMBA (*Pycnanthus angolensis*) for plywood.

Veneer for interior of plywood

Veneer for back or face of plywood

Moulding

Current furniture or furniture components

Boxes and crates

Formwork

Shingles

Wood-ware

Light carpentry

Matches

Interior joinery

Interior panelling

Glued laminated

Fiber or particle boards

Blockboard

Sliced veneer

Cigar boxes

Pulp
