
BALAU RED

REQUIREMENT OF A PRESERVATIVE TREATMENT

Against dry wood borer attacks:	Does not require any 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:	Slow	M.C. (%)	Temperature (°C)		Air humidity (%)
			dry-bulb	wet-bulb	
Risk of distortion:	High risk	Green	42	39	82
Risk of casehardening:	No	50	48	43	74
Risk of checking:	High risk	40	48	43	74
Risk of collapse:	No	30	48	43	74
		15	54	46	63

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: Must be dried carefully in order to reduce defects in particular warps on backsawn and end checks.

SAWING AND MACHINING

Blunting effect:	Fairly high
Sawteeth recommended:	Stellite-tipped
Cutting tools:	Tungsten carbide
Peeling:	Not recommended or without interest
Slicing:	Not recommended or without interest
Note:	Requires power. Planed surfaces present a variable lustre. Sometimes, difficulties due to highly interlocked grain.

ASSEMBLING

Nailing / Screwing:	Good but pre-boring necessary
Gluing:	Correct (for interior only)
Note:	Risks of splits.

END-USES

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

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

Note: Filling is recommended to obtain a good finish.

Vehicle or container flooring
Stairs (inside)
Industrial or heavy flooring
Flooring
Heavy carpentry
Ship building (planking and deck)
Ship building (ribs)
Bridges (parts not in contact with water or ground)
Exterior joinery
Current furniture or furniture components
Musical instruments
Cooperage
Boxes and crates
