
PADOUK

REQUIREMENT OF A PRESERVATIVE TREATMENT

Against dry wood borer attacks:	Does not require any preservative treatment
In case of temporary humidification risk:	Does not require any preservative treatment
In case of permanent humidification risk:	Does not require any preservative treatment

DRYING

Possible drying schedule

Drying rate:	Normal to slow	Temperature (°C)			Air humidity (%)
		M.C. (%)	dry-bulb	wet-bulb	
Risk of distortion:	No risk or very slight risk	Green	50	47	84
Risk of casehardening:	No	40	50	45	75
Risk of checking:	No risk or very slight risk	30	55	47	67
Risk of collapse:	No	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.

SAWING AND MACHINING

Blunting effect:	Fairly high
Sawteeth recommended:	Stellite-tipped
Cutting tools:	Tungsten carbide
Peeling:	Not recommended or without interest
Slicing:	Good
Note:	Sometimes, irritant sawdust. Requires power. Sometimes, difficulties due to interlocked grain.

ASSEMBLING

Nailing / Screwing:	Good but pre-boring necessary
Gluing:	Correct
Note:	Pre-boring necessary: risks of splits especially with thin boards. Gluing requires care (dense wood).

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).

Hydraulic works (seawater)
Industrial or heavy flooring
Flooring
Sliced veneer
Cabinetwork (high class furniture)
Sleepers
Bridges (parts in contact with water or ground)
Bridges (parts not in contact with water or ground)
Vehicle or container flooring
Heavy carpentry
Ship building (ribs)
Ship building (planking and deck)
Turned goods
Seats
Exterior joinery
Stairs (inside)
Interior joinery
Sculpture
