
MOABI

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:	Slow	Temperature (°C)			Air humidity (%)
		M.C. (%)	dry-bulb	wet-bulb	
Risk of distortion:	Slight 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:	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.

Note: Surface drying under cover. Kiln drying must be handled with care. It is recommended to dry until a low moisture content (10. 12 %) because of its shrinkage.

SAWING AND MACHINING

Blunting effect:	High
Sawteeth recommended:	Stellite-tipped
Cutting tools:	Tungsten carbide
Peeling:	Good
Slicing:	Good
Note:	Requires power. Blunting effect fairly high to high (silica). Sawdust can irritate mucous membranes.

ASSEMBLING

Nailing / Screwing:	Good but pre-boring necessary
Gluing:	Correct
Note:	Tends to split in nailing. 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).

Note: Substitute for MAKORE (*Tieghemella* spp.).

Exterior joinery	Heavy carpentry
Rolling shutters	Bridges (parts not in contact with water or ground)
Interior joinery	
Interior panelling	
Flooring	
Stairs (inside)	
Current furniture or furniture components	
Sliced veneer	
Cabinetwork (high class furniture)	
Veneer for interior of plywood	
Veneer for back or face of plywood	
Sleepers	
Turned goods	
Arched goods	
Sculpture	
Industrial or heavy flooring	
