

OUTDOOR DECKING



Wood		Durability		Hardness	Stability	Limited class without Treatment	Treatability
		Termites	Fungal				
Mogano Entandrophragma cylindricum		MR	3	II	B-C	3	4
Iroko Millicia Excelsa		R	1-2	II	C	3	4
Doussiè Afzelia spp		R	1	II	A	4	4
Teak Tectona grandis		MR	1	III	A	4	4
Ipè Tabebuia spp		R	1-2	I	B-C	4	4
Ash Thermo Fraxinus exc.		R	1	II	A	4	4
Beech Thermo Fagus Sylvatica		R	1	II	A	4	4
Garapa Apuleia leiocarpa		M	3	III	B-C	3	4

INSTALLATION INSTRUCTIONS

Decking must be installed by fixing the planks upon a wooden framing structure, previously prepared. The framing strips must be orthogonal with respect to the decking and their density and durability must be near or equal to those of the decking. The distance between the framing strips is set

by the designer according to the planks' thickness, to the wood type used and to the weight of the whole lot, but it must never exceed the 30 cm. The planks that make the flooring can be fixed with screws or clips. Both screws and clips must be made of stainless steel.

INSTALLATION WITH SCREWS

Framing strip. Since decking is always made in high-density wood types, we recommend to pierce the wood in order to make a proper screw housing after keeping a correct distance from the borders of the planks (almost 20 mm from external border or longest side and almost 70 mm from the heads or shorter sides).

INSTALLATION WITH CLIPS

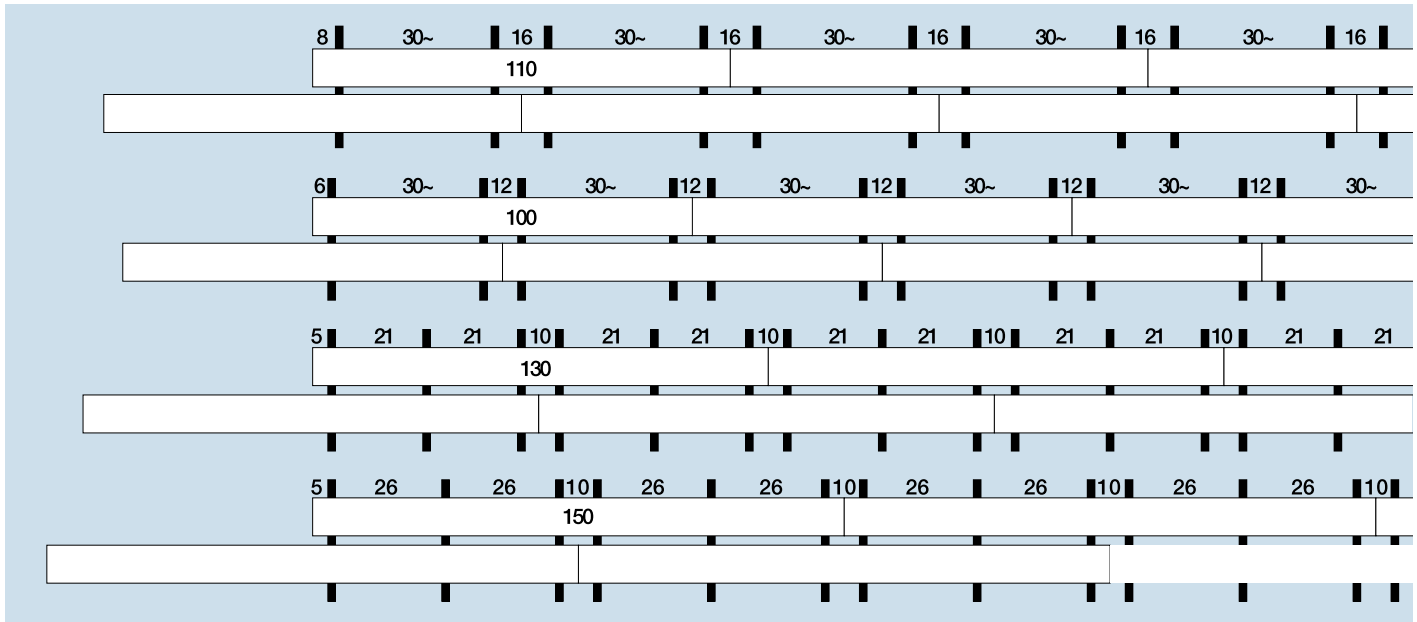
Once the first plank is fixed with screws, clips must be set inside the groove on its longest side - one clip for each point where decking and framing strips meet. The clips must be fixed on the framing strips underneath by using proper screws. Then the next board must be put in the free fin of the clip that had been previously

fixed with the screw. Another clip must be set in the opposite side of the plank and then fixed to the framing strip by a screw, and so on for the whole surface. The planks that are on the perimeter of the whole surface must be fixed to the framing strips directly, by using screws.

VERY IMPORTANT

Each plank's head must lay on the framing strips.
Each clip must fix only 2 planks, one by each side.

RECOMMENDED INSTALLATION SCHEME



MAINTENANCE

Apply a protective impregnating oil before or soon after installation (Labor Legno Sundeck Wood Oil is recommended). Correct impregnation grants to the decking a stronger protection and reduces the risk of crackings and warps; moreover it reduces the common graying that is due to exposure to weather. Any impregnating oil tends to deplete its function quickly, therefore it is important to repeat the treatment in order to nourish the wood whenever it is necessary.

The frequency of the maintenance treatment depends on different factors such as exposure to weather, usage, porosity etc. On the first year an approximate four maintenance treatment should be programmed, in order to reduce the risk of crackings.

INFORMATIVE NOTES

Each product installed outdoor is subject to enormous heat shocks and to continuous changes as far as humidity is concerned, both daily and seasonally, caused by climate variations. Wood is a "living" material, so it is subject to changes that are both physical and aesthetic, due to the conditions in which it is used. Colour may change because of sunlight exposure, dimensions may be affected by moisture, the planks may warp because of different traction power of the fibres... As far as outdoor decking is concerned, the same principles expressed above are valid, therefore it can happen that a few slats can suffer some undesirable aesthetic change and that some later intervention for removing and changing planks must be necessary.

For this reason it is recommended to keep a storage of approximately a 5% of the installed product. In order to obtain a good result a proper installation is mandatory, as well as a good impregnation and maintenance process increases stability and durability of any decking and limits crackings and crevices.