



THE OXIDATION PROCESS OF PARQUET

All wood species, over time, are destined to change their color tone, considering that are living organic matter, which react with air and light.

Since wood is a photosensitive and photochromatic material, oxidation is a natural phenomenon, which occurs to direct or indirect exposure of wood to sunlight or air.

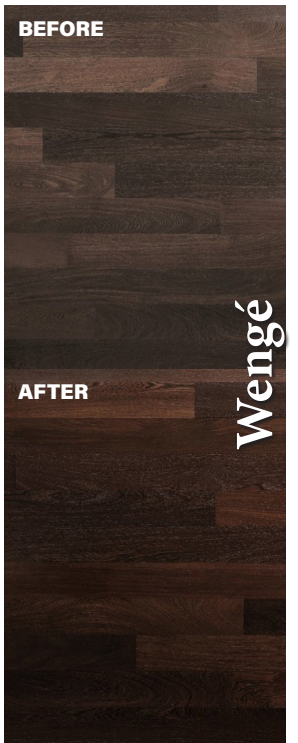
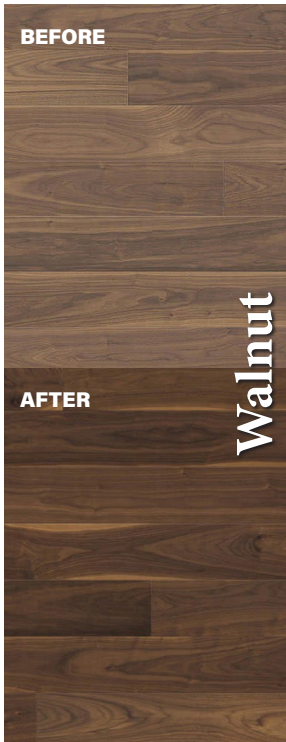
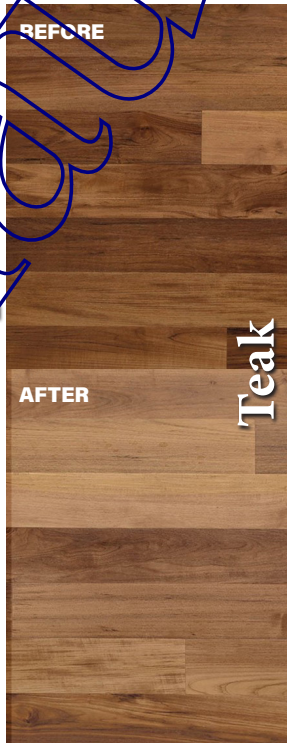
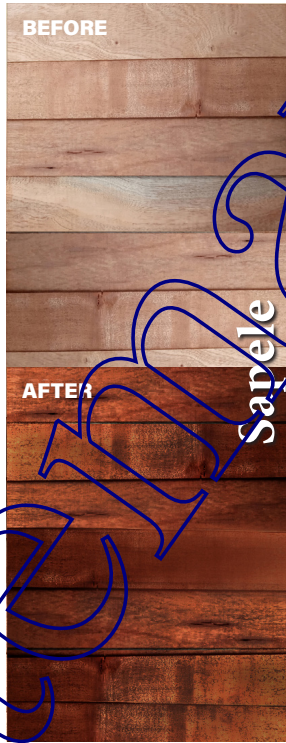
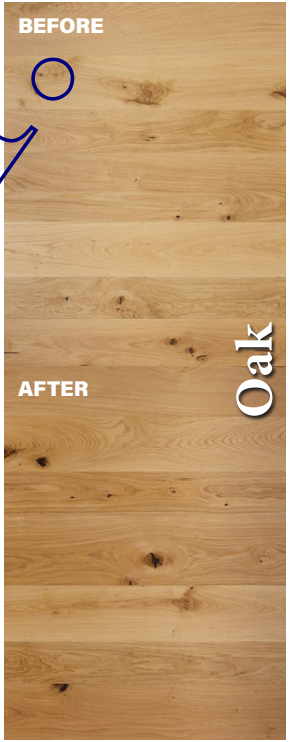
The oxidation process is a chemical reaction, that is a chromatic alteration, whose intensity depends on the substances that make up the wood.

The wood oxidizes according to the amount of light it receives, reaching stability after a couple of years at most.

Photochromic changes occur with greater intensity in the first periods of exposure to light, and then stabilize over time. The oxidation process changes from one specie to another. In fact some woods, in contact with the sunlight, change their color more clearly than others, lightening or darkening their tones.

Those of European origin such as Oak and Larch have a low oxidation, which over time will tend to become warmer. There will not be a strong oxidizing action, but a tendency to warm up one's own shade.

Those of African or South American origin such as Afrormosia, Doussie', Iroko, have a much faster and more decisive oxidation, which tends to darken the original color. Not all wood species with oxidation tend to darken, such as Teak, which over time tends to lighten is darker parts, conforming with the lighten ones.



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