

THERMO OAK

If we want to obtain different and natural colours from wood, we have to 'push' it to assume different tones by encouraging its chromatic mutation through likewise natural processes.

What does thermo treatment of wood and oak in particular mean?

It is a pyrolysis process that is performed in special drying cells: the **wood** is heated - to different temperatures - only by using heat and water steam. If performed properly, the result of this technique is a thermo-treated material in which **durability and stability are considerably increased**.

During this process, various physical and chemical properties of the wood change permanently, and the wood takes a **beautiful, more or less dark colouring**, depending on the 'toasting' temperature to which it has been subjected throughout its mass. The higher the temperature of the technical process, the darker the colour tone assumed.

We must always bear in mind that wood is a genuine material that is highly photosensitive, which is why it undergoes the process of natural colour change as a result of exposure to air and light, particularly the action of ultraviolet rays. Normally, woods tend to darken during this process, except for Thermo Oak and Teak, which lighten instead.



The first works related to heat treatment date back to the mid-20th century in the United States.