



## WHAT IS THE FERMO?

In addition to being a product that prevents all types of wood and wood products from igniting in case of contact with flame, it is a liquid product with impregnation feature that protects wood against fungal, insect and worm damage.

## WORKING PRINCIPLE

Fermo is a water-based antibacterial flame retardant material. When applied by dipping on the bare wood surface, it penetrates 1 mm or 2 mm into the wood, depending on the type of wood (hard, soft) and type of wood such as solid, chipboard, fibreboard, mdf, osb or plywood, preventing the wood from flaming and burning at 500 degrees and 500 degrees. At temperatures above, carbonation occurs only at the point where the flame is applied. It delays burning by 50% ~ 60% in woods with high resin content such as pine and pine. It disinfects wood sap against bacterial growth. It prevents fungi, insects and worms that feed on wood sap from destroying the wood. It was tested according to the UL-94 standard and received the HB combustion class value. It is colorless. It does not deteriorate the natural properties of wood. It dries in 24 hours under normal weather conditions (+8 °C ~ +25 °C).

## IT IS RESISTANT TO HIGH HEAT

Tests have been completed under laboratory conditions up to 500 degrees and it has been shown to withstand.

## ANTIBACTERIAL IMPREGNATION

It can act as an impregnation in wood against fungi, bacteria and all kinds of harmful insects.

## MAKES WOOD FLAMEPROOF

It makes wood non-flammable. It allows certain "F" values to be achieved with thinner wooden walls, especially in wooden structures. It provides cost advantage.

## INCREASES THE STRENGTH OF WOOD

It increases the resistance of wood against natural conditions.

## PRESERVES THE NATURAL FEATURES OF WOOD

There are Fermo blue and colorless varieties. However, it does not disrupt the natural properties of the wood or change its color in any way.