

## Information Serenzo products »fumo«/»doppio fumo«



### *Information regarding the »fuming process«*

»Fuming« is a special wood treatment technique to get a darker natural looking appearance. The colour tones achieved range from medium to dark brown and can go into black.

The advantage of this technique is that the natural shade of the wood can be maintained. As for the colour, fumed oak is comparable to bog oak.

### *Types of fuming*

Fuming is done with ammoniac that reacts with tannin in the timber. The new colour tone is actually not only dependent on the period of time the timber is being treated but rather on the tannin content.

Serenzo distinguishes between two types of fuming: natural or surface fuming (fumo) and double (deep) fuming (doppio fumo), which are different in that the effect of the fuming process is either less or more intense.

The natural, surface or chamber fuming is a technique where the wood is being exposed to ammoniac in a tightly sealed chamber. Here the wood is being cured on the surface. When sanding

the floor later, the upper layer of the wood is removed and as a consequence the timber can become blotchy.

The double fuming process requires a plant for generating a vacuum or low pressure together with high temperatures. The ammoniac gas released can that way go deeper into the timber and this results in a more intense colour.

### *Important!*

If you encounter a poignant odour, when opening a pack (caused by residues of ammoniac gas), let the open (!) packs air outside for one or 2 days. Make sure, you always protect the solids from moisture and humidity.

If you lay the solids in aired or closed rooms without first airing the packs, the ammoniac residues can tint your furniture, your doors or fixtures, which contain tannin. In addition, it is not guaranteed that the glue will dry adequately.

Serenzo applies special airing techniques to remove the residues before it despatches the product. Wood, however, is a natural product that might release the stored ammoniac only gradually because of varying temperatures or wrong warehousing (air humidity). Please acknowledge, that this does not justify any claims.

