

FINISHES: EXPLANATIONS AND GUIDANCE

CLASSICO

The coloured finishes of the Classico collection are obtained by staining the brushed untreated product and then protecting it with a neutral UV primer and water-based varnish. As the colouring is caused by a stain, it will significantly enhance brushing of the fibre, which will be more pronounced than the unbrushed part of the wooden surface.

CP LAB DESIGN: no production problems.

NATURA

The Natura finish is a neutral varnish whose cycle entails the application of a completely water-based primer and surface finish. This process is designed to give the wood a natural “untreated look”, as if it has just been cut.

The colour will remain natural and will not turn intense as it does with traditional varnishing. The surface finish is done with zero gloss varnish to achieve an extremely natural surface feel.

CP LAB DESIGN: no production problems.

CP ORE UV

“CP ORE UV” (UV oiled) is the result of applying an oil containing special consolidating agents and transferring the wooden elements into special UV ovens to obtain a protective, resistant and waterproof surface. This makes the wooden floor easier to maintain than a floor with a natural oxidative oil finish, while retaining the same aesthetic features with a similar feel. This finish is not compatible with special processes such as Hand Planing – Marea – Onda – non-standard Bevels – Impronte – Taglio sega, as the oil UV product cannot be applied properly.

CP LAB DESIGN: production possible only on 2 or 3 layer pre-finished elements (no on lamellas).

For info, contact the technical department.

TERMOTRATTATI (THERMOTREATED)

The heat treatment process entails placing the untreated wood in special heat ovens, allowing its natural shade to darken. The higher the temperature, the darker the wood. The heat treatment stimulates the natural colour of the wood and therefore it will be possible to have some variations caused by the more or less strong presence of tannin in the wooden elements. The benefit of heat treatment is that the colour is activated through the entire thickness of the top layer, which means that the warm colour can be maintained throughout the life of the floor, even after many years and if the parquet needs restoring by sanding and varnishing again. CP Parquet has selected the termo scuro oak (195° C) and termo medio oak 2020 (160° C) for its range of products. The hotter the temperature used for the heat treatment process, the more the wood tends to crystallise. This means that the termo scuro wood cannot be used to make products with special processes because the material tends to chip very easily. Therefore, it is not possible to process elements with a fixed length or carry out processes such as Hand Planing – Marea – Onda – non-standard Bevels or make products such as Chevron, Herringbone and Quadrotte, which can be made with “termo medio 2020” (thermotreated medium 2020) process that crystallise much less. The oxidation process will lighten the shade of the heat-treated material over time and with exposure to light.

CP LAB DESIGN: no production problems (except for thermotreated dark tone).

STAINING

The staining process is a highly manual process carried out exclusively by our master craftsmen. The wooden surface is coloured without using chemicals, but with stain, which is used to age classic Bassano furniture. The stain is a natural earth which, when mixed with alcohol and shellac, gives an aged appearance to hand planed or brushed floors, bringing out the contrast between surface staining and the staining that seeps in during hand planing and brushing. The surface finish is carried out by applying water-based varnish to fix the stain and protect the floor, which will acquire the appearance of a floor from the past.

CP LAB DESIGN: no production problems.

REAGENTS

The finishes of the Veneto collection and the grigio nuvola oiled finish are not obtained with coloured stains but with the use of reagents that are applied to the untreated surface of the wood. These reagents interact with the tannins, the natural colouring agents of the wood, and depending on the formulation, shades ranging from brownish to grey are obtained. The benefit of this process is that the reagent not only works on the surface, it also works at a depth of almost 1 mm in the top layer. The flamed effect will not be as pronounced as in the Classico process but will remain much more natural and will blend in completely with the rest of the finish. The tannin reaction process is such that the newly processed wood looks different than the one after the reaction process has matured and will turn the wood to its final shade in 5/6 months, which varies according to exposure of the product to natural light.

As the wooden base and the finish are processed using a reagent, there may be a natural shading of the planks of the same batch and brushing will appear uneven.

With regard to the Venezia – Vicenza – Padova – Verona – Belluno finishes, special processes such as Hand Planing – Marea – Onda – non-standard Bevelling cannot be carried out because the reagent settles in the indentations on the surface and creates spots.

The shade variations based on the type of product are given below:

- Oak Venezia – Vicenza: starting from dark brown shades turning lighter towards leather red;
- Oak Padova – Verona – grigio nuvola: starting from grey shades turning lighter towards hazelnut;
- Oak Jesolo – Maser / European Ash Este / European Elm Bassano: starting from brown/grey shades turning darker;
- European Walnut Treviso / European Cherry Petrarca / European Elm Murano / European Pear Valdobbiadene: starting from light grey shades turning darker.

CP LAB DESIGN: production possible only on 2 or 3 layer pre-finished elements (no on lamellas).

For info, contact the technical department.

BRUNITO (CORE SMOKED)

The procedure to obtain the “core smoked” effect involves the introduction of the raw wood in special cells for which a darkening process is triggered through the use of ammonium salts, allowing the wood to obtain a dark grey/brown colouration. The process with ammonium salts stimulates the natural colour of the wood and therefore it will be possible to have some variations due to the more or less strong presence of tannin in the wood elements. The advantage of this treatment is that the coloring is activated throughout the thickness of the top layer and this will allow you to enjoy the warm color throughout the life of the floor, even after many years and at a time when it was intended to restore the wooden floor by means of extraordinary sanding and repainting. The oxidation process will bring the hue of the core smoked to a slight clearing with time and exposure to light.

CP LAB DESIGN: no production problems.

FINISHING TONES

The same finish made on planks with “BRUSHED” processing will appear slightly different if made on “IMPRONTE” processing and other machining such as “MAREA” - “WAVE” - “RISACCA” - “SEGATO”, due to the different absorption of the finish from the wood pore.