



**BERGAMO
FLOORS**

PRODUCT SHEET

MULTI-LAYER PARQUET ELEMENTS

| GENERAL INFORMATION | |
|-----------------------|---|
| MERCHANDISE CATEGORY | Prefinished, natural, varnished wood flooring |
| TIMBER SPECIES | European Oak |
| HARDNESS | From medium to high |
| DIMENSIONAL STABILITY | From medium to high |
| OXIDATION | From medium to low |

DESCRIPTION:

Prefinished wood flooring with two layers.

FORMAT:

- a) Thickness: 10-12-14-15-18-20-21 mm
 - b) Width: 100-120-142-152-192-242 mm
 - c) Length: 1175-1850-2150-2350 mm
 - d) Thickness: lamella before manufacturing 3,3-4,2-6,2 mm
- The wood flooring is available also with herringbone (90° or 45°) and with Hungarian-pattern (30/60°).
The dimension changes slightly from the regular pattern:
Length: from 500 to 1200 mm
Width: 100-120-152-192 mm



| ESSENTIAL FEATURES | PERFORMANCE |
|----------------------------|---|
| Density | 700-760 kg/m ³ oak 640-700 kg/m ³ walnut |
| Reaction to fire* | Cfl-S1 (EN 13501-1) |
| Formaldehyde emission | Class E1 (EN 717 - 1) |
| Pentachlorophenol emission | ≤ 5 ppm |
| Breaking strength | NSP |
| Slipperiness | NSP |
| Biological durability | CLASS 2 |
| Heat resistance | 0,088 m ² k / W (thickness 15 mm) |

*Only for floor with coating

STORAGE:

The wood flooring must be stored in a dry place, in rooms not subject to moisture and condensation; try to store it in its original, intact packaging, protected from the light. Altered environmental conditions could compromise the product. Parquet packages must be placed on wood pallets and not in contact with the floor.

INSTALLATION CONDITIONS:

Herringbone flooring requires only the gluing installation .

Before installation, make sure that, in the building site, all windows and door frames have been installed and that the plaster on the walls is dry. In addition, the first coat of paint should have already been applied on the walls and are dry. Install the material in suitable rooms with a subfloor moisture not exceeding 2% by weight for normal or quick-drying cement-based screeds, 1.7% for heated screeds, and 0.2% for anhydrite screeds. Moisture must be checked immediately before installation using a carbide hygrometer. In compliance with the UNI 11371-2017/NWFA standard on screeds for wood flooring installation, the relative humidity of the environment must be no lower than 30% and no higher than 50%, with a room temperature of about 20°C and completely dried plaster on the walls. Declaration of the screed installer on the application of the certified vapour barrier, in compliance with the UNI 11371-2017/NWFA standard, is required.

Underfloor heating: after the standard acclimation period (about 15 days), cooling and heating must be started up gradually to avoid thermal stress and condensation, which generate evaporation from below and can thus cause cupping in the installed planks or strips due to the anisotropic nature of the wood. In order to avoid the development of condensation on pipes or in areas close to cellars, we recommend using dehumidifiers in the winter season and humidifiers in the summer season. Underfloor heating systems should be regulated by boiler thermostat (for the water circulating in the coils); the thermostat temperature must not exceed 28/30 degrees Celsius. The temperature of the screed must never exceed 27 °C as defined in the UNI 11371-2017/NWFA standard.

We recommend mixing different flooring packages before installation in order to achieve a more uniform installation result (colour and wood characteristics). As for installation, we recommend employing professional installers (**UNI EN 11556:2014, NWFA**), in compliance with the following standards: UNI 11368-1/NWFA on gluing installation and UNI 11368-2/NWFA on floating installation. Before installation on a subfloor with underfloor heating, make sure that the chosen product is suitable for that type of subfloor and that there is at least 3.5 cm of screed above the coils. Then follow the correct installation procedure. In particular, be sure to follow all the steps required under the UNI 11371-2017/NWFA standard when switching on the heating.

In the event of defects which are clearly visible on the product, please note that no claims whatsoever shall be accepted on products that have already been installed. By using or transferring ownership of the products, the buyer automatically accepts them as they are and acknowledges that they correspond to the agreed-upon products, thereby waiving any right to assert a claim. During installation, avoid the use of rubber hammers and adhesive tape in general, as they damage the surface finish. We recommend using specific tools for tapping the wood.

MAINTENANCE INSTRUCTIONS:

Inevitably, signs due to clomping, dents, marks from objects or accidental situations that might change the flooring appearance, will be visible over time.

For daily cleaning use a vacuum cleaner or broom with soft bristles to remove dust, a well-wrung floor cloth and neutral, non-foaming detergents specifically designed for wood floors. If the floor has been varnished, we recommend treating it periodically with a suitable product for the maintenance of varnished wood floors, but only after careful cleaning. The use of carpets and/or furniture on the floor may create areas where exposure to light is not possible, meaning the wood may remain light in colour: this is because it does not oxidize naturally at the same rate as the rest of the flooring. Make sure the relative humidity in the air is between 30% and 50% and that the temperature is no lower than 10 °C, and ideally between 18 °C and 22 °C. If humidity levels drop below 30%, wooden parts may crack and split, and the top layer of solid hardwood may delaminate. Ambient humidity levels higher than 50% may cause wooden parts to warp.

PRECAUTIONS:

Avoid placing heavy weights on small portions of the floor. Protect the floor surface properly with heavy woolen cloths if heavy objects (furniture, etc..) need to be moved around, and place suitable felt pads under the furniture (chairs, tables, etc..). Avoid water stagnation. Do not use solvents, ammonia, alcohol, acids and/or corrosive or abrasive products on the floor. In case flooring is supposed to be used in special places, surfaces or particular climatic areas, with high temperature variations and/or high or low humidity, please contact us to verify if the material is suitable to the use.

INSTALLATION ON HEATED SURFACES:

This product is suitable for installation on heated surfaces, provided that the heating system is operating correctly and that there is no leakage of water or steam (see the relevant sheets attached). Please carefully follow all steps when starting up the system, in compliance with the norm UNI 11371-2017/NWFA.

NOTES:

The planks are intended for flat surfaces only. Any other use could compromise the product's functionality. The flooring is composed by elements that are appropriate for indoor use, such as residential environments, light commercial environments such as private offices, shops; it is not recommended to use it in environments subjected to high/heavy and frequent load. In case flooring is supposed to be used in special places, surfaces or particular climatic areas, with high temperature variations and/or high or low humidity, please contact us to verify if the material is suitable to the use.

TECHNICAL DETAILS AND INSIGHTS:

Finish: the items are industrially manufactured. The process includes the application of varnishes and pigments and UV drying. Over time, the colour of the wood flooring will become increasingly uniform and lighter, thus reducing contrasts between installed floorboards.

CERTIFICATIONS:

FSC® certified products may be available upon request, depending on the manufacturer's stock.

N.B.:

The product is **Indoor Air Comfort Gold** certified. The birch plywood complies with **CARB 2** and **TSCA Title VI** requirements (EPA).

