First Element®

verve/oak

Wood Species	European Oak
Support	Cross-fibre multi-layer construction with Oak top
Installation Type	Glued Down
Profile	Interlocking Tongue & Groove

Straight Plank

Sizes

Width	Length x Width x Thickness / Top Layer
190	1900mm x 190mm x 14mm / 3mm 1900mm x 190mm x 15mm / 4mm 1900mm x 190mm x 20mm / 6mm
220	1900mm x 220mm x 14mm / 3mm 1900mm x 220mm x 15mm / 4mm 1900mm x 220mm x 20mm / 6mm
240	1900mm x 240mm x 15mm / 4mm 2200mm x 240mm x 20mm / 6mm
260	1900mm x 260mm x 15mm / 4mm 2200mm x 260mm x 20mm / 6mm
300	2200mm x 300mm x 20mm / 6mm

Herringbone

Sizes

Width	Length x Width x Thickness / Top Layer
90	600mm x 90mm x 14mm / 3mm 600mm x 90mm x 14mm / 4mm 600mm x 90mm x 15mm / 4mm 900mm x 90mm x 14mm / 3mm 900mm x 90mm x 14mm / 4mm 900mm x 90mm x 15mm / 4mm
125	600mm x 125mm x 14mm / 3mm 600mm x 125mm x 14mm / 4mm 600mm x 125mm x 15mm / 4mm 900mm x 125mm x 14mm / 3mm 900mm x 125mm x 14mm / 4mm 600mm x 125mm x 15mm / 4mm

Chevron

Sizes

Width	Length x Width x Thickness / Top Layer
90	520mm x 90mm x 14mm / 3mm 620mm x 90mm x 14mm / 4mm 620mm x 90mm x 15mm / 4mm 820mm x 90mm x 14mm / 3mm 820mm x 90mm x 14mm / 4mm 820mm x 90mm x 15mm / 4mm
125	520mm x 125mm x 14mm / 3mm 520mm x 125mm x 14mm / 4mm 520mm x 125mm x 15mm / 4mm 900mm x 125mm x 14mm / 3mm 900mm x 125mm x 14mm / 4mm 900mm x 125mm x 15mm / 4mm

Surface / Finish

Verve Oak utilises a seven layer U.V. cured, 100% dry residue (solvent free) varnish specifically designed to obtain excellent results in terms of resistance to surface abrasion elasticity of the varnish, adherence to the wood and transparency. Verve Oak matt varnish has a lightly brushed finish in order to accentuate the appearance of the wood's natural pores and fibres.

Grades

Select Grade: Mixed grain. More even colour in connection with typical features of the species. Pure selection with only minimal small knots in some boards.

Standard Grade: Some boards may show colour variations and occasional small knots. In the extra-wide boards (from 190 mm width) knots may be even tight and open.

Directions for Laying

INTERIOR CONDITIONS

Before the installation make sure that all work on site (decoration, installation of sanitary fixtures, etc.) has been completed. Maintain the humidity level between 45% and 65% and the temperature between 16 and 25°C because outside of these ranges the boards may suffer deformation and adhesives and other products used for the installation may not work correctly.

SUBFLOOR CHECK

The subfloor on which the hardwood flooring is to be installed must be smooth, level, and have a compact surface so as to guarantee the best possible contact between the underside of the planks and the subfloor itself. Carry out the following checks before installation:

- Smoothness/Flatness of the subfloor: 3 metre long straight edge should be placed on the subfloor, the maximum allowable tolerance is 3 mm.
- Concrete subfloor superficial structural strength: when hammering the surface no marks or deep cracking should appear.
- Concrete subfloor superficial compactness: should not be possible to create deep scratches or excessive dust when scrapping the surface of the subfloor with a nail.
- Fissuring: small fissures created as a result of the normal shrinkage of the cement are allowable, but excessive cracks, in particular those which permeate throughout the complete thickness of the subfloor, must be properly consolidated by suitable and permanent means.
- Cleaning: before the installation begins it is very important to carefully clean and check the surface of the subfloor.
- Moisture content: the moisture content of the subfloor has to be within the recommended limits for the specific type of subfloor. The subfloor residual moisture control has to be executed only using calcium carbide hygrometer (other tools could give wrong measurements in certain conditions) and the maximum values allowed for the installation are:

    - 2.0% for a concrete slab (max. thickness 80 mm);

    - 0.4% for anhydride slab;

    - 10.0% for wooden panels. In case of thick subfloor this control has to be done on the total thickness, not only on the surface.

Material Storage

We recommend the boxes of hardwood flooring are stored in secure, dry and weather proof rooms and not placed directly on the ground. Open the boxes only as the flooring is being installed and no more than what is needed.

Glue Down Installation

Choose an adhesive that is compatible with the characteristics of the sub-floor and that won't transmit humidity to the wood (do not to use adhesives that contain water). Ecolfit is a one component adhesive recommended for all of our hardwood floors. The glue is to be applied homogeneously onto the whole subfloor surface (do not apply it on individual strip/board or discontinuously). Do not apply the glue directly underneath the boards.

Spread the adhesive on the subfloor only using a suitably notched trowel and lay the boards on top by interlocking them, if possible, using only a little pressure. The boards must be joined only by hands avoiding the use of other tools (for instance the mallets) that can create damages on the surface and the corners of the boards.

During this operation take care not to allow adhesive into the joints or on the surface.

Around the entire perimeter of the interiors, including the point of junction with thresholds of other flooring materials, it is compulsory to form an expansion joint amplitude of about 10mm to be filled with appropriate skirting along the vertical walls and thresholds in connection with other joints in the floors.

After Installation Protection

After the professional installation of your flooring, we highly recommend the use of temporary floor protection to be applied to ensure your flooring is protected and safe from stains, scratching or marking, until the project is completed.

If any damage occurs to your newly installed flooring, please contact us immediately before trying to treat or repair the flooring.

Instructions For Use

Use protective felt pads for furniture, chair legs, etc. Any armchair on castors should be covered with suitable rubber.

We recommend the use of a proper door matt to clean the shoes. Rugs and carpets should be removed from time to time especially soon after hardwood floor installation in order to avoid creating areas with different colour tone according to the natural oxidisation of the wood. Objects with weight concentrated over small surface areas cause localised indentations in the surface of the wood. Rubber shoes soles leave dirty marks on the surface which can be difficult to remove. Do not to use sticky tape and adhesives materials on the surface because, in case of remaining for a prolonged time or with high temperature, they can leave marks difficult to remove. A slight darkening effect can appear in time in the deeper parts of the wood (brushings, sawings, etc.) due to the accumulation of the dust. Regular maintenance of the floor will reduce this appearance.

Cleaning & Maintenance

Never wash the floor with tap water only: it will not efficiently clean the surface of the floor and, moreover, the minerals contained in water may leave behind a residue that could affect the surface appearance of the floor.

Do not use liquids containing acid or basic concentrations, such as bleach or ammonia, which could create marks/halos on the wood that would be impossible to remove. For proper cleaning and maintenance we advice to use only the recommended cleaning products.

Everyday Cleaning

Green Bio - Green Bio is a specially formulated cleaning product for cleaning hardwood flooring, both varnished and natural oil & wax. Regular use of Green Bio will help to keep your hardwood looking in the best possible condition.

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Test Report

Characteristic Test	Test Standard	Properties
Emission of Formaldehyde	EN14342-2000	E1
Reaction to Fire	EN13501-2002	Cf1-s1
Thermal Conductivity	EN12664	0.18W/Mk
Biological durability	EN1432-2000	Class 1
Breaking strength (max load)	EN1432-2000	-
Resistance to Staining	EN13329	Group 1-3: Grade 5
Impact Resistance Impact Stress	EN13329	Class IC1
Slipperiness	EN1339-2003	USRV 100
Effect of furniture leg	EN13329	No visual damage per EN424
Effect of castor chair	EN13329	No visual damage per EN425

Certifications

FSC: Chain-of-custody, CE, ISO 9000, CARB.