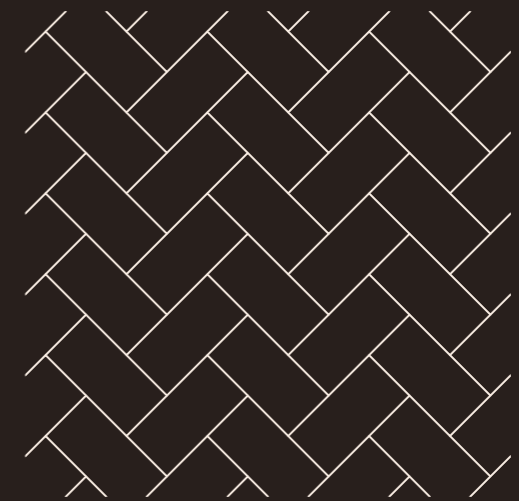




ENGLISH





YOUR DESIGN **FLOOR** SOLUTION

PENTA-FLOOR.COM

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SPECIAL PROCESSING

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01 THE COMPANY

PENTA-FLOOR is a production company operating in the field of wood flooring since 2015.

It is located in Ciacova in the district of Timiș, a western area of Romania, less than 30 km from Timișoara.

PENTA-FLOOR, born with the intent to produce wooden floors, thanks to the study and research of innovative solutions, has been able to diversify and expand the range of its products in few years.

With the expansion of the workforce, through the addition of specialists in finishes and treatments, PENTA-FLOOR has expanded its range of finished products and encouraged wood processing. PENTA-FLOOR today produces and sells finished floors, ready for laying.

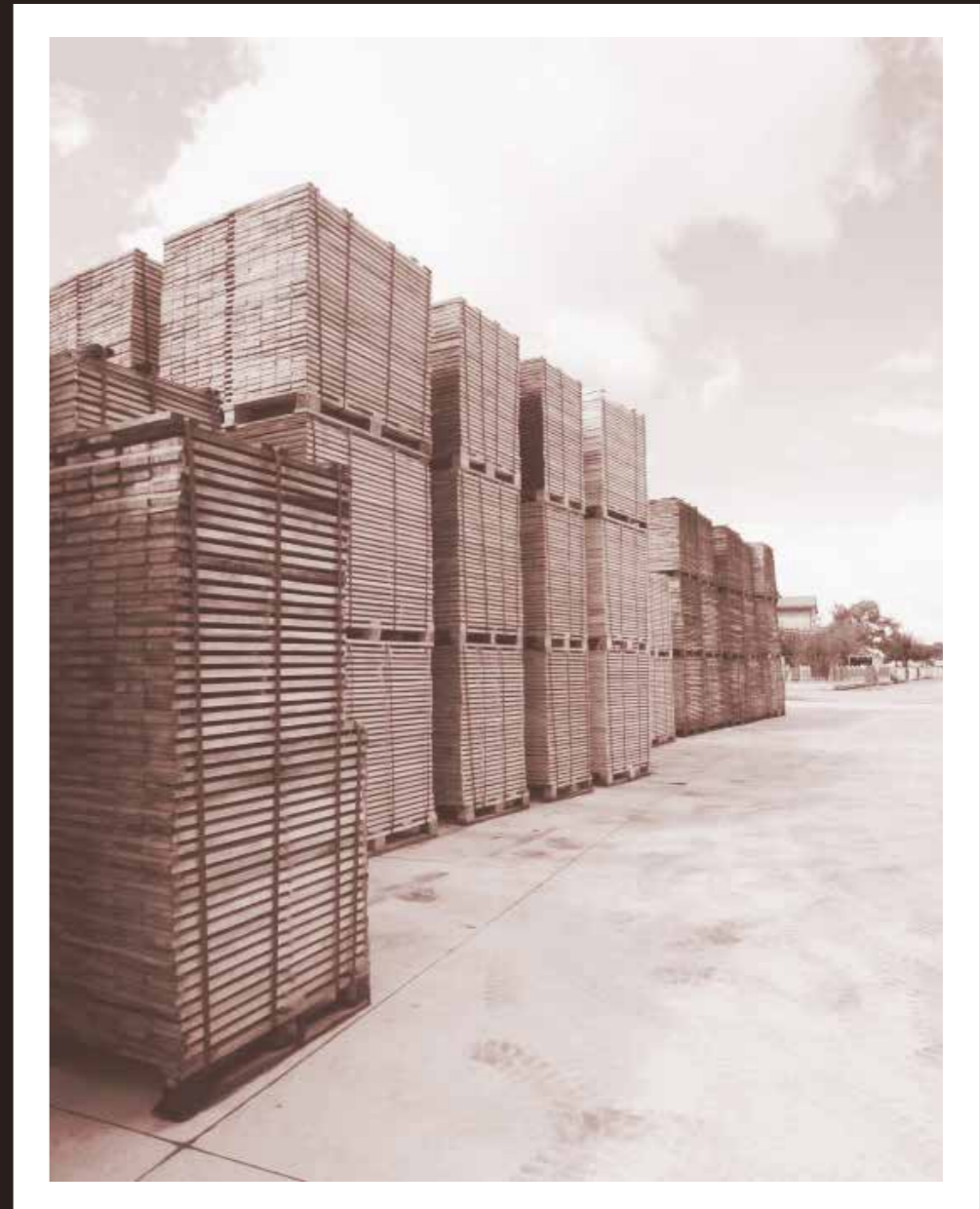
our history

02 THE PRODUCTION

The production of PENTA-FLOOR covers an area of about 5 hectares and is divided into several production units, each equipped for specific processing and activities: cutting elements and lamellas, cutting and joining birch, pressing, profiling, calibration, packaging, storage and other special processes such as: brushing, planing, barrell planing, oil / wax or varnish treatments.

PENTA-FLOOR is equipped with a large warehouse containing birch wood, new and old oak lamellas, obtained from old beams and Venetian briccole. It also has drying ovens and a plant to produce briquettes, which allows it to be self-sufficient in work space heating, in a natural and ecological way, reducing waste.

the production activity



esclusivity and value

3. 1 OLD BEAMS LINE

RECOVERY OAK FROM OLD BEAMS

"Old Beams", commercial name of parquet made with lamellas obtained from structural beams. Characterized by a particularly warm and intense color, it presents knots, splits, fissures and cracks, all testimonies of the passing of time, of a lived wood.

Diversity of tone and nuances ensure that the products are essentially unique pieces, all similar but never the same: the exclusivity of the various pieces is therefore to be considered a great value.

2 LAYERS - ENGINEERED FLOORING 2 LAYERS

Oak "Old Beams" Lamella 4,0 mm + birch exterior plywood.









TECHNICAL CHARACTERISTICS

RECOVERY OAK FROM OLD BEAMS

SIZES	GRADE*	PRODUCT NAME
15x170/200x800/2420mm VARNISHED	■	Effetto seta brushed
	■	Terra di luna brushed
	■	Barrique brushed
	■	Cherry brushed
15x170/200x800/2420mm OILED	■	Effetto seta brushed
	■	Terra di luna brushed
	■	Barrique brushed
	■	Cherry brushed
15x120/140x500/900 mm FRENCH HERRINGBONE VARNISHED	■	Effetto seta brushed
	■	Terra di luna brushed
	■	Barrique brushed
	■	Cherry brushed
15x120/140x500/900 mm FRENCH HERRINGBONE OILED	■	Effetto seta brushed
	■	Terra di luna brushed
	■	Barrique brushed
	■	Cherry brushed

* See the wood classification table at the end of the catalog

- Brushed with double bristles to emphasize three-dimensionality and natural grain.
- Respects the environment: exempt from CO. using natural paints / oils for nishing.
- Precise and centesimal joint, controlled by the support of the noble essence.
- Vinyl bonding between the lamella and support to guarantee the solidity of the floor.
- Nominal 4.0 mm noble wood

ADDITIONAL PROCESSING: BARREL PLANING, HAND-PLANED EDGES



Support: exterior birch plywood
Brushed, Bevelled, Packaged product
Made in Europe

TECHNICAL DATA MARKING CE (EN 14342:2013)
FIRE REACTION DFL -S1 (IF VARNISHED)
CARB - EPA REGULATION

Formaldehyde: E1
Volumetric mass: 700 ± 50 kg/m³
Thermal resistance: 0,06 m² K / W

NOTE:

- Since it is recovery wood, the widths may be slightly different and the orders will be confirmed from time to time, depending on availability
- Possibility of variable widths and lengths on request (up to a maximum of 290x3000)

quality
and precision

unique and unrepeatable floor

3.2 "BRICCOLE VENEZIANE" LINE

BRICCOLE OF VENICE

Unique and unrepeatable floor, which brings with it the history of one of the most beautiful cities in the world. Parquet made with lamellas made from Venetian briccole. Oak poles that, immersed for years in the lagoon waters, suffer the erosion of the tides and the tunnel of the teredins, small molluscs that sculpt decorations and embroideries.

We personally guarantee the origin of the material from the Venice lagoon.

2 LAYERS - ENGINEERED FLOORING 2 LAYERS

Oak "Briccole of Venice" Lamella 5,0 mm + birch exterior plywood



“bring with it the essence of the most beautiful city in the world”



THECNICAL CHARACTERISTIC

VENETIAN BRICCOLE

SIZES	GRADE*	PRODUCT NAME
16x140/290 (in multi-width) x800/2420mm VARNISHED	■	Effetto seta brushed
	■	Terra di luna brushed
	■	Barrique brushed
	■	Cherry brushed
16x140/290 (in multi-width) x800/2420mm OILED	■	Effetto seta brushed
	■	Terra di luna brushed
	■	Barrique brushed
	■	Cherry brushed
16x120/140x500/900 mm FRENCH HERRINGBONE VARNISHED	■	Effetto seta brushed
	■	Terra di luna brushed
	■	Barrique brushed
	■	Cherry brushed
16x120/140x500/900 mm FRENCH HERRINGBONE OILED	■	Effetto seta brushed
	■	Terra di luna brushed
	■	Barrique brushed
	■	Cherry brushed

* See wood classification table at the end of the catalog

- Brushed with double bristles to emphasize three-dimensionality and natural grain.
- Respects the environment: exempt from CO. using natural paints / oils for nishing.
- Precise and centesimal joint, controlled by the support of the noble essence.
- Vinyl bonding between the lamella and support to guarantee the solidity of the floor.
- Nominal 5.0 mm noble wood

ADDITIONAL PROCESSING: BARREL PLANING, HAND-PLANED EDGES



Support: exterior birch plywood
Brushed, Bevelled, Packaged product
Made in Europe

TECHNICAL DATA MARKING CE (EN 14342:2013)
FIRE REACTION DFL -S1 (IF VARNISHED)
CARB - EPA REGULATION

Formaldehyde: E1
Volumetric mass: 700 ± 50 kg/m³
Thermal resistance: 0,06 m² K / W

NOTE:

- Since it is recovery wood, the widths may be slightly different and the orders will be confirmed from time to time, depending on availability
- Possibility of variable widths and lengths on request (up to a maximum of 290x3000)

solid, noble and natural

3.3 FINISHES AND PROCESSING

OLD BEAMS LINE AND VENETIAN BRICCOLE LINE



EFFETTO SETA
OILED
BRUSHED BARREL PLANING
HAND-PLANED EDGES



EFFETTO SETA
VARNISHED
BRUSHED BARREL PLANING
HAND-PLANED EDGES



CHERRY
VARNISHED
BRUSHED BARREL PLANING
HAND-PLANED EDGES



BARRIQUE
VARNISHED
BRUSHED BARREL PLANING
HAND-PLANED EDGES



TERRA DI LUNA
VARNISHED
BRUSHED BARREL PLANING
HAND-PLANED EDGES

make your floor unique with special workings



BRUSHING
Effect achieved through the use of brushes which, by removing the soft part of the wood, enhance its veins.



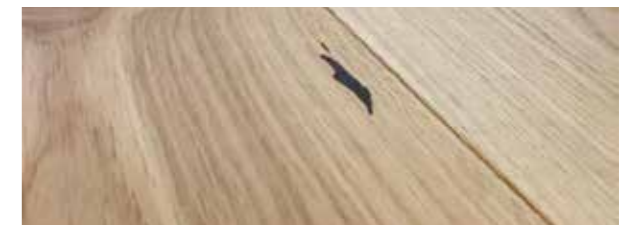
WORN EFFECT (imitation woodworm)
This type of effect creates a very particular texture, which gives the parquet a lived-in and distinctive appearance.



SAW PLANE EFFECT
The "saw cutting" gives to the surface a material texture that accentuates the natural charm of wood.



BARREL PLANING
Uneven sanding of the surface and the edges of the boards which creates a wavy effect typical of ancient floors.



PLANING
This manual processing produces, on the most superficial part of the tables, undulations, depressions and roughness, which best represent the craftsmanship of the finish.

ecological floor

3.4 WOOD STRUCTURAL FLOORING - WSF ECOLOGICAL FLOOR

WSF floors are all made of real wood, which is why they look like a parquet, there are no identical slats and they give a pleasant feeling of warmth. WSF is an ecological floor because it is designed and produced by optimizing this precious material that nature gives us: the wood. All the glues used are ecological and free of toxic substances (vinyl D4) WSF has been subjected to laboratory tests to demonstrate its high quality. WSF is suitable for laying on heated and cooled substrates. WSF is ecological, the content of formaldehyde and pentachlorophenol is irrelevant as it is much lower than the minimum allowed. WSF respects environment, trees and forests, its production takes full advantage of the raw material consuming less wood than a traditional parquet.





THECNICAL CHARACTERISTIC

WOOD STRUCTURAL FLOORING

SIZE GRADE* PRODUCT NAME

WSF MM 3 • 3 mm total thickness floor composed of three 1mm oak slats, paint finish with very high mechanical resistance, ideal for overlapping floors, renovations and wall coverings.

3/3 x 140 x 800 / 1500 mm ▲●
3/3 x 140 x 800 / 1500 mm ■ Monza, Valencia, Saint-Tropez, Oslo
Milano, Londra, Parigi, Madrid
Berlino, Lisbona

3/3 x 190 x 800 / 2420 mm ▲●
3/3 x 190 x 800 / 2420 mm ■ Monza, Valencia, Saint-Tropez, Oslo
Milano, Londra, Parigi, Madrid
Berlino, Lisbona

- Respects the environment, free from C.OV., uses ecological paints and adhesives
- Slightly bevelled on 4 sides.
- All floors are supplied brushed.

WSF MM 8/1 • 8 mm total thickness floor composed of a birch plywood support and a 1 mm oak slat, paint finish with very high mechanical resistance.

8/ 1 x 140 x 800 / 1500 mm ▲●
8/ 1 x 140 x 800 / 1500 mm ■ Monza, Valencia, Saint-Tropez, Oslo
Milano, Londra, Parigi, Madrid
Berlino, Lisbona

8/ 1 x 190 x 800 / 2420 mm ▲●
8/ 1 x 190 x 800 / 2420 mm ■ Monza, Valencia, Saint-Tropez, Oslo
Milano, Londra, Parigi, Madrid
Berlino, Lisbona

- Respects the environment, free from C.OV., uses ecological paints and adhesives
- Slightly bevelled on 4 sides.
- All models are supplied brushed.

WSF MM 10/3 • 10 mm total thickness floor composed of a birch plywood support and three 1 mm oak slats, paint finish with very high mechanical resistance paint.

10/ 3 x 140 x 800 / 1500 mm ▲●
10/ 3 x 140 x 800 / 1500 mm ■ Monza, Valencia, Saint-Tropez, Oslo
Milano, Londra, Parigi, Madrid
Berlino, Lisbona

10/ 3 x 190 x 800 / 2420 mm ▲●
10/ 3 x 190 x 800 / 2420 mm ■ Monza, Valencia, Saint-Tropez, Oslo
Milano, Londra, Parigi, Madrid
Berlino, Lisbona

- Respects the environment, free from C.OV., uses ecological paints and adhesives
- Slightly bevelled on 4 sides.
- All models are supplied brushed.

solid, noble and natural

WSF MM 14/3 • 14 mm total thickness floor composed of birch plywood support and three 1 mm oak slats, paint finish with very high mechanical resistance.

14/ 3 x 140 x 800 / 1500 mm ▲●
14/ 3 x 140 x 800 / 1500 mm ■ Monza, Valencia, Saint-Tropez, Oslo
Milano, Londra, Parigi, Madrid
Berlino, Lisbona

14/ 3 x 190 x 800 / 2420 mm ▲●
14/ 3 x 190 x 800 / 2420 mm ■ Monza, Valencia, Saint-Tropez, Oslo
Milano, Londra, Parigi, Madrid
Berlino, Lisbona

14/ 3 x 230 x 800 / 2420 mm ▲●
14/ 3 x 230 x 800 / 2420 mm ■ Monza, Valencia, Saint-Tropez, Oslo
Milano, Londra, Parigi, Madrid
Berlino, Lisbona

- Respects the environment, free from C.OV., uses ecological paints and adhesives
- Slightly bevelled on 4 sides.
- All models are supplied brushed.

WSF HERRINGBONE

8/ 1 x 140 x 500 / 900 mm ▲●
8/ 1 x 140 x 500 / 900 mm ■ Monza, Valencia, Saint-Tropez, Oslo
Milano, Londra, Parigi, Madrid
Berlino, Lisbona

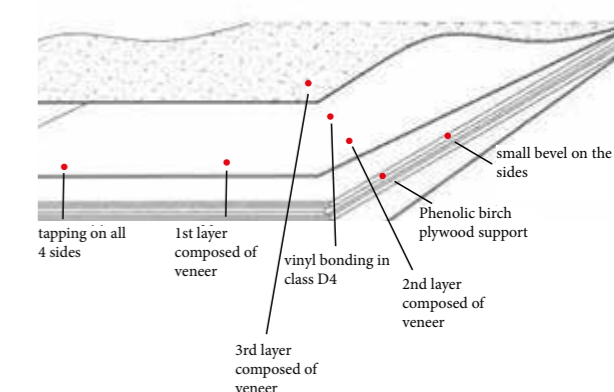
10/ 3 x 140 x 500 / 900 mm ▲●
10/ 3 x 140 x 500 / 900 mm ■ Monza, Valencia, Saint-Tropez, Oslo
Milano, Londra, Parigi, Madrid
Berlino, Lisbona

14/ 3 x 140 x 500 / 900 mm ▲●
14/ 3 x 140 x 500 / 900 mm ■ Monza, Valencia, Saint-Tropez, Oslo
Milano, Londra, Parigi, Madrid

* See the wood classification table at the end of the catalog

PREFINISHED FLOOR WITH 2 LAYER STRUCTURE

The advantages of a stratified floor are extraordinary
- quick and practical to install even on existing floors
- very elastic when walked on - warm as only wood can be
- no stink and no painting on site
Wooden support: Phenolic birch plywood
Brushed, Micro bevelled, Packed product
Made in Europe



TECHNICAL DATA MARKING CE (EN 14342:2013)
FIRE REACTION DFL -S1 (IF VARNISHED)
CARB - EPA REGULATION

Formaldehyde: E1
Volumetric mass: 700 ± 50 kg/m³
Thermal resistance: 0,06 m² K / W

NOTE:

- Fire resistance (painted) on request
- If immersed in water, possible swelling
 - Oil or paint finish
 - Can be used for heated floors
 - For optic or glued laying
 - Tapping on all 4 sides
- Without emission of formaldehyde and phenol
- Without danger of allergies

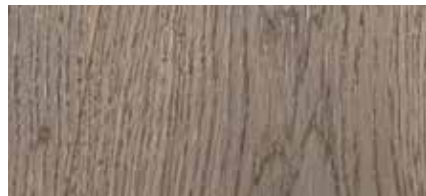
ON REQUEST
COLORS IN SAMPLE
AND OTHER SIZES

3.5 FINISHES AND PROCESSING

WSF - WOOD STRUCTURAL FLOORING



MILANO
BRUSHED
VARNISHED
COD. 1



LONDRA
BRUSHED
VARNISHED
COD.2



MONZA
BRUSHED
VARNISHED
COD.6



PARIGI
BRUSHED
VARNISHED
COD.3



BERLINO
BRUSHED
VARNISHED
COD.5

A wide choice for every environment



MADRID
BRUSHED
VARNISHED
COD. 4



LISBONA
BRUSHED
VARNISHED
COD.7



VALENCIA
BRUSHED
VARNISHED
COD.8



SAINT-TROPEZ
BRUSHED
VARNISHED
COD.9



OSLO
BRUSHED
VARNISHED
COD.10

3.6 WSF COATINGS

WSF - WOOD STRUCTURAL FLOORING

- Panels in Oak veneer for the creation of boiserie or wall coverings
- Possibility of other wood species on request.
- Possibility of customization in formats.
- Coordinated painting and finishing between floors and walls.
- Female / female milling on all 4 sides.
- Equipped with slats for laying.

STANDARD SECTIONED SIZES (LENGTH GRAIN DIRECTION X WIDTH)

mm 1200 x 2400	mm2400 x 1200	mm2400 x 600	mm2400 x 400	mm2400 x 200
mm 600 x 2400	mm1200 x 1200	mm1200 x 600	mm1200 x 400	mm1200 x 200
mm 400 x 2400	mm600 x 1200	mm600 x 600	mm600 x 400	mm600 x 200
mm 200 x 2400	mm400 x 1200	mm400 x 600	mm400 x 400	mm400 x 200
	mm200 x 1200	mm200 x 600	mm200 x 400	mm200 x 200



SKIRTING COORDINATES AND ACCESSORIES

COORDINATED SKIRTING

PAINTED VENEERED IN ESSENCE LENGTH mm 2400

SECTIONS
SEZ 70 x 10 mm
SEZ 82 x 13 mm

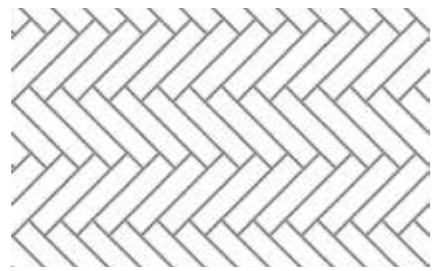
FINISHES
WHITE LACQUERED
RAW OAK
VARNISHED / OILED TRANSPARENT
SERIES COLORS
PICKLED
PAINTED IN SAMPLE

COMPLEMENTS AND ACCESSORIES

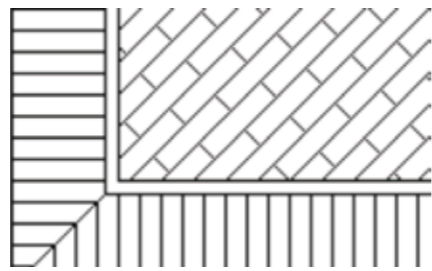
- ANTI-HUMIDITY BARRIER
- POLYETHYLENE MAT, thickness 2/3 mm
- SOUND-ABSORBING CARPET with coupled vapor barrier (20db)
- SOUND ABSORBING MAT (22db) thickness mm. 4
- DETERGENT FOR ORDINARY CLEANING, OILED / PAINTED FLOORS
 - INTENSIVE CLEANER FOR OILED / VARNISHED FLOORS
- NATURAL OIL FOR MAINTENANCE AND NUTRITION OF OILED FLOORS
- FIXATIVE OIL TO GUARANTEE WATER REPELLENCY FOR OILED FLOORS
 - NON-TOXIC GLUE, BI-COMPONENT 9 + 1 Formaldehyde free
 - SINGLE COMPONENT GLUE FOR PREFINISHED FLOORS
 - VINYL GLUE

complements for
your floor

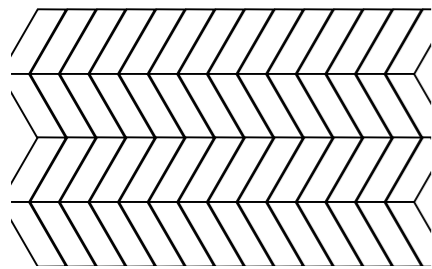
3.7 LYING SYSTEMS



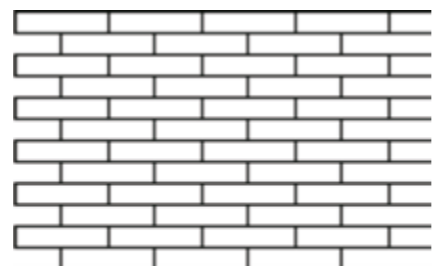
ITALIAN HERRINGBONE



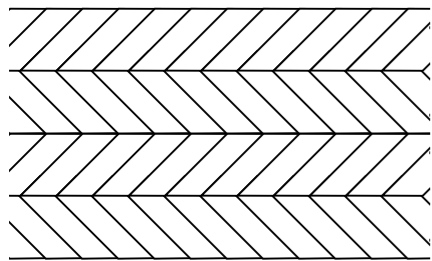
DIAGONAL WITH BAND AND BEAD



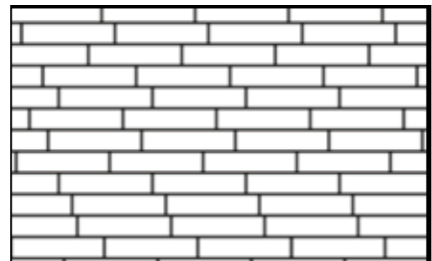
HUNGARIAN HERRINGBONE



REGULAR CASE



FRENCH HERRINGBONE



LONGSTRIP

WOOD CLASSIFICATION

CLASSIFICATIONS	FEATURES	● CIRCLE	▲ TRIANGLE	■ SQUARE
	Sapwood		Not permitted	Permitted ≤ 50%
Knots: Good and adherent Bad part		Permitted if : diameter ≤ 2mm Not permitted	Permitted if : diameter ≤ 5 mm diameter ≤ 2 mm	All permitted characteristics without limit of size or quantity if they do not compromise the resistance or quality of wooden flooring
Bristles		Not permitted	allowed up to 0.5% of the width	
Inclusions of bark		Not permitted	Not permitted	
struck by lightning		Not permitted	Not permitted	
Grain deviation		Any limited is permitted	Any limited is permitted	
Heat variation		little variation permitted	Permitted	
Parenchymatous tissue		Permitted	Permitted	
Biological alteration		Not permitted	Not permitted	

PARTS NOT VISIBLE

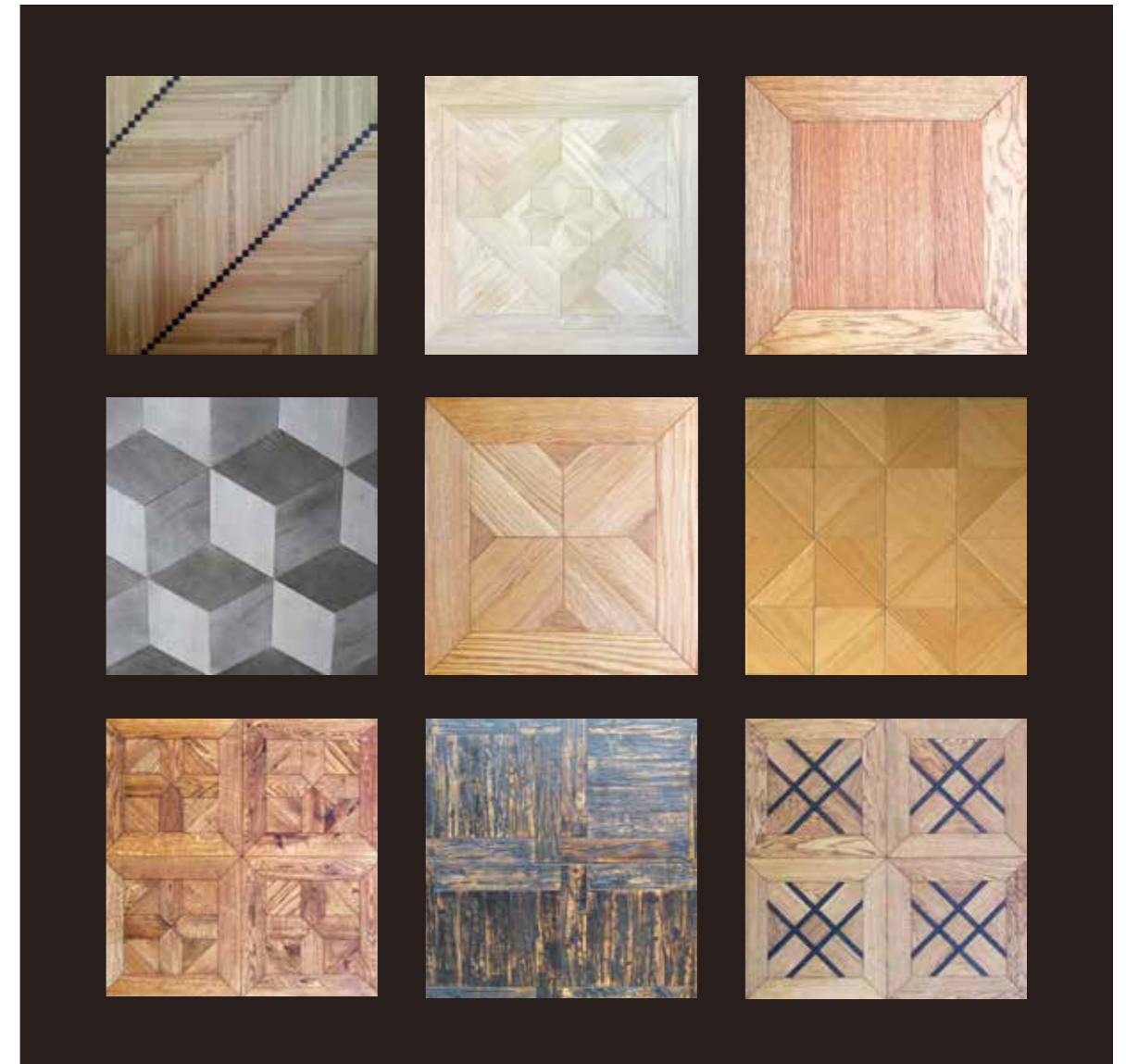
All the features are allowed without limits of size or quantity if they do not compromise the resistance to wear of the wooden flooring. The healthy sapwood is allowed by the counter face to the upper part of the male joint without considering the limits defined for the face. The material is guaranteed with environmental humidity not less than 45% and not more than 65%.

Temperature around 20 °

04 SPECIAL PROCESSING

Thanks to the expansion of the workforce and the arrival in the company of experienced wood professionals, specialist in finishes and treatments, PENTA-FLOOR has expanded its range of finished products, adding standard floors to harringbones and modular floors, but also stairs and furnishing accessories.

The added value of PENTA-FLOOR is the possibility of providing a customized product, with special processing and finishes, such as: brushing, planing, barrel planing, worn effect, saw cutting, oil / wax or varnish treatments with reagents and in sample.

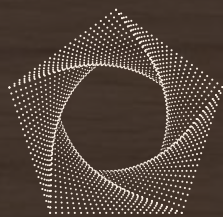


**specialist in
finishing and treatments**



**we offer our customers
bespoke solutions**





PENTA-FLOOR.COM

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