MARDEGAN Legno SUPERFICI D'AUTORE	MARDEGAN LEGNO KFT P.iva HU1375959 **Nagyhid U 17 – 7570 BARCS – (HUNGARY)** **Tel 0036 82565043 – Fax 0036 82565044** www.mardeganlegno.com E mail: info@mardeganlegno.com	Attached ☐ Transport doc.: ☐ Invoice:

PRODUCT SHEET

Collections and color types of the surface

LONDON MY LIFE	LIVE IN NEW YORK	MILANO STYLE	FIRENZE STYLE	EMOTIONS & COLORS	HARMONY & COLOURS	LOIRE CASTLES	ANTICHI SAPORI	NATURAL WOOD	LE PERLE DEI CASTELLI	QUERCE MILLENARIE	PARIS
☐	☐	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐
COLOR:	PICASSO										

SURFACE WORKING PROCESS

☐ Pre-smothed	☐ Hand planed	☐ Hand planed soft&sandblasted	☐ Sandblasted	☐ Rounded,sandblasted	☐ Rounded, hand planed
☑ Brushed	☐ Hand sculputred	☐ Sawn	☐ Sawn, sandblasted	☐ Worn-out	

**** IF COLLECTION AND COLOR ARE NOT SPECIFIED IT WILL BE RAW MATERIAL***

INDIVIDUAL ITEM TYPOLOGIES OR DRAWINGS AND NOMINAL DIMENSIONS

PRODUCT TYPE	LENGHTS [mm]	WIDTH [mm]	THICKNESS [mm]	MOISTURE [%]
☐ **BIG BOARD 3 LAYERS**	*1500-3000*	*180-250-300*	*20/22**	*At first delivery 7%* ± 2
☐ **BOARD 3 LAYERS**	*1500-2700*	*140-180-220*	*15/17**	
☐ **2 LAYERS 14 mm**	*900-2400*	*120-140-180*	*14/16**	
☐ **2 LAYERS 11 mm**	*900-2100*	*90-140-180*	*11*	
☑ **CHEVRON 3 LAYERS 45°**	*560* *540*	*90* *120*	*15/17**	
☐ **HERRINGBONE 3LAYERS 90°**	*600*	*90 oppure 120*	*15/17**	
☐ **OTHER**				

**** 16-17-22 MM THICKNESS REFERS ONLY TO WORKING SURFACE SAWN-SANDBLASTEDAD SAWN***

ENGINEERING FLOORING COMPOSITION, MATERIALS AND NOMINAL THICKNESS

LAYER	TYPE OF TIMBER	THICKNESS [mm]
TOP LAYER	☑ European Oak (*Quercus spp.*)	*5.2-7.2 mm only for sawn* *4.0 mm only for 2 layers 10 mm*
	☐ European Walnut (*Junglas regia* L.)	
	☐ American Walnut (*Junglas nigra* L.)	
	☐ Elm (*Ulmus spp.*)	
	☐ Locust (*Robinia pseudoacacia*)	
	☐ European Cherry (*Prunus avium* L.)	
	☐ Larch (Larix spp.)	*4.0 mm*
	☐ Maple (*Acer spp* .)	
	☐ Iroko (*Milicia excelsa C.C. Berg* .)	
	☐ Doussiè (*Afzelia* spp.)	
	☐ Wengè (*Millettia Laurent* ii De Wild)	
	☐ Teak (*Tectona grandis* L.F.)	
	☐ Other:	
CORE 3 LAYER	☐ Panel fir or same species of the top layer	*10.00 mm*
	☑ Panel fir or same species of the top layer	*5.5 mm*
BALANCE 2 LAYERS	☐ Birch plywood	*8.8 mm*
	☐ Birch plywood	*7.0 mm*
BALANCE 3 LAYERS	☐ The same species of the top layer	*4,8 mm*
	☑ The same species of the top layer	*4,3 mm*
ADHESIVE & FORMALDEHYDE	*Vinyl. According to class E1 EN 717-2:1994*	
	☑ Varnished ☐ Oil/Wax ☐ Varnished + wax ☐ Unfinished	

METHOD OF APPLICATION	LAYING ON THE FLOOR HEATING
☐ Only for glued installation	☑ Permitted
☑ For both glued and/or floating installation	☐ Not Permitted

Highgrading - SPECIFIED IN EN 13489:2004 - FREE CLASS

☐ SELECTION "A"	☐ SELECTION "B"	☑ SELECTION "A/B"	☐ SELECTION "UNICA"

THE FREE CLASSES ARE QUALITY SELECTIONS OFFERED BY MANUFACTURER IN ACCORDANCE WITH THE STANDARD EN 13489:2004 ACCORDIN TO THE PRINCIPLES SET IN THE FOLLOWING TABLES APPENDIX B.1 & B.2

Table B.1 CLASSIFICATION FOR HARDWOOD SPECIES			
SURFACE			
CHARACTERISTICS	**GRADE "A"**	**GRADE "B"**	**GRADE "UNICA"**
Sound Sapwood	Not allowed	Not allowed	Allowed from 0 to 15% of the batch
Knots (healthy, adherent, bad)	Allowed (ø ≤ 10 mm, groups allowed)	Allowed ø < 40 mm, groups allowed	Allowed Ø > 40 mm without limit
Cracks (open or plastered)	Not allowed	Allowed if proprly plastered	Allowed, open and/or plastered
Change to yellow	Allowed	Allowed	Allowed, without limit
Cracks (bristles)	Allowed	Allowed	Allowed
Bark pockets	Not allowed	Allowed	Allowed
Lighting shaker	Not allowed	Allowed	Allowed
Curly grain	Rarely	Allowed	Allowed, without limit
Angle grain	Allowed, without limit	Allowed, without limit	Allowed, without limit
Sound heart	Not allowed	Allowed	Allowed
Colour change(red heart, black heart etc.)	Allowed	Allowed	Allowed and massive
Splint marks	Not allowed	Not allowed	Not allowed
Medullary rays	Allowed, without limit	Allowed, without limit	Allowed, without limit
Biologic alteration	Not allowed	Rarely	Allowed
Holes*	Not allowed	Allowed from 0 to 15% of the batch	Allowed, without limit
* Holes without insects			
Grade "A/B" in the price list considers both the selections			
Not visible parts			
All the features are allowed without limit of dimension or quantity if they do not compromise the resistence or the quality of resistence to wear of wood floors			

Table B.2 CLASSIFICATION FOR SOFTWOOD SPECIES			
SURFACE			
CHARACTERISTICS	**GRADE "A"**	**GRADE "B"**	**GRADE "UNICA"**
Sound Sapwood	Not allowed	Not allowed	Allowed from 0 to 15% of the batch
Knots (healthy, adherent, bad)	Allowed (≤ 10 mm, groups allowed)	Allowed (ø < 40 mm, groups allowed)	Allowed Ø > 40 mm without limit
Cracks (open or plastered)	Not allowed	Allowed if proprly plastered	Allowed, open and/or plastered
Change to yellow	Allowed	Allowed	Allowed, without limit
Cracks (bristles)	Allowed	Allowed	Allowed
Bark pockets	Not allowed	Allowed	Allowed
Lighting shaker	Not allowed	Allowed	Allowed
Curly grain	Rarely	Allowed	Allowed, without limit
Angle grain	Allowed, without limit	Allowed, without limit	Allowed, without limit
Sound heart	Not allowed	Allowed	Allowed
Colour change(red heart, black heart etc.)	Allowed	Allowed	Allowed and massive
Splint marks	Not allowed	Not allowed	Not allowed
Medullary rays	Allowed, without limit	Allowed, without limit	Allowed, without limit
Biologic alteration	Not allowed	Rarely	Allowed
Holes*	Not allowed	Allowed from o to 15 of the batch	Allowed, without limit
* Holes without insects			
Grade "A/B" in the price list considers both the selections			
Not visible parts			
All the features are allowed without limit of dimension or quantity if they do not compromise the resistence or the quality of resistence to wear of wood floors			

NOBLE TOP LAYER GENERAL TECHINCAL DATAS

Species	Origin area	Hardness Brinnel Kg/mm2	Hardenss Janka Kg/cm	Dimensional stability	Oxidation
European Oak	*Hungary*	*3.40*	*600*	*Good*	*Moderate*
European Walnut	*Hungary*	*2.50*	*450*	*Medium-Good*	*Medium*
American Walnut	*Hungary*	*2.50*	*450*	*Medium-Good*	*Medium*
European Elm	*Hungary*	*3.50*	*840*	*Good*	*Medium*
Locust	*Hungary*	*4.80*	*820*	*Low*	*Moderate*
Cherry	*Hungary*	*3.00*	*630*	*Low*	*Medium*
Larch	*Austria/Russia*	*3.00*	*400*	*Adequate*	*Moderate*
Maple	*Hungary/North America*	*3.70*	*640*	*Medium*	*Moderate*
Iroko	*Africa*	*3.50*	*615*	*High*	*High*
Doussiè	*Africa*	*4.00*	*830*	*High*	*High*
Wengè	*Africa*	*4.00*	*915*	*Medium-Good*	*Medium-High*
Teak	*Indonesia*	*3.50*	*425*	*High*	*High*
Other:					

The product is intended for professional use only for paving flat surfaces ; any other destination could affect the functionality of the product itself.

· The material must be stored in dry storage areas.
· The installation must be done in compliance with the responsability criteria described in UNI 11265:2007 standards, according to the procedures set out in uni 11368:2010 standards and also in accordance with the evaluation criteria envisaged by UNI CEN/TS 15717 standards.
· The site must be suitable for application with room moisture between 45-60% and temperatures between 18-21° C. Application must be done after exterior windows and doors have been installed and after interior plaster has dried.
· The substrate must be made on a suitable vapor barrier and have the characteristcs specified in UNI 11371 standards.
· The moisture of the concrete substrate must be mesured using a "carbide hygrometer" as speciified in UNI 10329 standards. According to UNI 11371:2010 standards a traditional concrete subbase must have a value equal to or less than 2.0% by weight whereas an anhydrite screed must have a value equal to or lower than 0.5%.
For radiant screed a value equall or lower to 1,7% on weight for traditional concrete substrate, a value equal or lower to 0,2% for an anhydrite screed.
- Wood boards can be installed according to the technique or techniques specified at page 1 of this product sheet.
For glued installation only use two-components adhesive or equivalents.
For floating installation it is necessary to use vinyl glue in the joints. Always leave at least 8/10 mm of space between perimeter walls and the wood flooring. This gap will subsequently be covered by a suitable thick skirtings board. Any glue that leaks out must be immediately cleaned white still fresh without using alcohol, solvents or other thinners. If it is necessary to clean then use only neutral and non-agressive products to avoid any damage to the surface finish (especially for the oiled and varnishes/waxed floors). We higly recommend to perform a test on an uninstalled sample before, to make sure the product does not damage the surface.
- Installation on "radiant" screed which is only for the types of wood specified on page 1 of this product sheet, may be done only if the screed has been made accordingly to the UNI-EN-1264-4 standard rules and only after having performed at least one complete heating cycle (2 cycles would be better) and checked to make sure the heating/cooling system operates properly) We do recommend even for the boards where both floating and glued installations can be used, to glue the material in order to achieve better staibility and heat transmission. We do also recommend the usage of a specific "thermo-foam" layer for the floating installation. (when possible). The first start of the heating system during the winter season has to be done gradually and the temperature of the heating fluid must not exceed 26°/29°. Be careful to maintain room moisture conditions between 45% and 60%. Avoid covering the parquet with carpets or other thermal insulators in order to prevent abnormal shrinkage and the formation of cracks and slits.
- In case of raw material supply it must be finished in the shortest possible period of time.

PARQUET CLEANING AND ROUTINE MAINTENANCE

· To protect your parquet and keep it in a good shape we do suggest: to place a mat at your home entrance ; to remove dust on a regular basis; to clean regularly with a cloth dumpened with water and neutral no-foam detergent for parquet. Based on the surface tratment of your flooring you should use our PALLADIO SOAP for the varnished finish parquet and our TINTORETTO SOAP for the oil/wax finish parquet.
· To restore the original apperance of your varnished parquet and protect it from scratches and dirt we deeply suggest the use of our revitalizing wax VIVALDI.
· For the flooring with a oil/wax treatment on the surface it is necessary the use of our TIZIANO maintenance product to preserve the color features of the finish and the resistence to the stains. This maintenance process is related to the usage of the flooring.
· Maintain proper interior temperature and moisture conditions, similar to those that were present when the parquet was installed, to avoid formation

INSTRUCTIONS FOR OPTIMUM PRODUCT USE AND PRESERVATION

· Avoid loading the floor with heavy weights concentrated on small portions of parquet.
· The presence and permanence of water or other liquids and high humidity can cause irreparable damage to the surface.
· Avoid covering the floor with carpets or other objects when it has recently been installed.
· The fall of sharp or pointed objects may cause scratches and furrows.
· The presence of pets can cause formation of scratches, furrows and stains/halos.
· Withobjects or furniiture equipped on wheels make sure they have rubber wheels suitable for parquet.
· Falling embers and open flames cause burns.
· Ultraviolet rays may ,with the time , alter the color of the parquet surface; the sun light may cause the yellowish effect on the flooriing. We do suggest

DETAILED RULES FOR THE DIPOSAL OF TEH BOARDS

The wooden floor, once no longer used, has to be conferred to the local public disposal systems in accordance with the regulatory devices in use.

MARDEGAN Legno
SUPERFICI D'AUTORE

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Mardegan Legno KFT - Barcs Hungary	
EN 14342:2013 Wood Flooring (internal use) Characteristics, evaluation of conformity and marking	
Art. Code PICASSO	
Intended use in accordance with EN 13489:2004 3 layers flooring TG suitable for glued or floating installation	
DoP nr.0003/CPR/01-07-2013	
AVoCP	4
Fire reaction	Cfl-s1
Formaldehyde emission	E1
Pentachlorophenol content	< 5 ppm
Slipperiness	NPD
Breaking strength	NPD
Heat resistance m2/kw	0,102
Biological durability	2

Performance declaration: 003/13

1. Product-type unique identification code: PICASSO

2. Number of type, batch or serial number or other element allowing the identification of the construction product as per Article 11, paragraph 4: **Lot transport document nr° _____dated_____-**

3. Use or intended use of the construction product, in accordance with the relevant harmonized technical specificatione as provided by the manufacturer:

EN 14342:2013 Wood flooring (internal use) for glued or floating installation

4. Name, registered trade name or registered trade mark and adress of the manufacturer according to Article 11

Mardegan Legno KFT - Nagyhid u 17, 7570 Barcs (Hungary)

6. System or assessment system and constancy performance verification of construction product listed in annex V: **4**

9. Performance results:

Essential Features	Performance	Techincal harmonized specification
Fire reaction(1)	Cfl-s1	**EN 14342:2013**
Formaldehyde emission	E1	
Pentachlorophenol content	<5 ppm	
Slipperiness	NPD	
Breaking strenght	NPD	
Heat resistance m2/kw	0,102	
Biological durability	2	

(1) List 1 EN 14342:2013

10. The product performance as per points 1 and 2 is in conformity with declared performance in point 9.

This performance declaration has been released under the responsibility ot the manufacturer referred to in point 4.

Signed for and on behalf of: Mardegan Legno Kft - Barcs Hungary

Barcs,.....

MARDEGAN LEGNO KFT

MARDEGAN Legno Kft.
7570 Barcs Nagyhíd u. 17.
Adósz: 13703591-2-14