



## ***ENGINEERED OAK FLOORING SERIES***

### ***MULTI-LAYERS ENGINEERED OAK CONSTRUCTION***



### ***ABOUT US***

YORKING HARDWOOD is a leading supplier & exporter located in Foshan of China working on engineered European oak flooring( esp. European white oak , French White Oak), exporting to the market across Europe ( mainly Italy, Spain & Germany ), North America as well as Australia ( Melbourne, Sydney etc). As a highly experienced manufacturer, we own full facility producing qualified products with CE certified standard, from rotary cut or sawn cut veneer , popular, Eucalyptus or birch plywood base to Prefinished flooring board, we controlled every procedure with great professionalism, cooperating with many wholesalers and 1000+ builders over the world by highly reliable products quality and very competitive prices!

## OUR PRODUCTION CAPABILITY



Manufacturer direct tailor made flexible oak engineered wood floorboard in width 125mm ,150mm, 190mm, 220mm,240mm & 260mm or up.Thickness from 10mm,12mm ,14mm,15mm,18mm & 21 mm,Length 1200,1500,1900,2200mm per customer need. We carefully Grade the timber per feature degree into AB, ABCD ,CD & CDE per customer expectations.

We are one of few China timber floor manufacturer owns CE & FSC international certificate, proven to be a ECO friendly products supplier throughout production.

We offer wide range choice of multi-layer flooring plycore to suite your climate conditions:full poplar /poplar mixed with eucalyptus /full poplar with 1 bottom layer birch /poplar mixed with eucalyptus with 1 bottom layer birch /full birch.

Also it depends on the total thickness of flooring, of course the structure has to be stable, the plywood compression ratio is reasonable in order to avoid delamination, for instance the layers number for 15/4 is 7layer, thickness per layer is 1.8,after pressing, the thickness of plywood comes into 11.3.

Finish Application: UV-cured Aluminium Oxide and BIO® wood oil clear coats for long lasting,finishes with over 20 different color effects - natural ,smoked , gray,white washed,limed, choked, hand crafted etc.

## ***INSPECTION PHOTOS:***



## ***Perfect T&G Jointed , High Dimensional Stability***



## ***Products Specifications:***

Wood species	EUROPEAN WHITE OAK
Structure	MULTI-LAYERED WITH 2-6MM TOP
Pank Width	125mm/150mm/190mm/220mm/240mm/260mm
Length	900-2400mm
Thickness	10mm/12mm/14mm/15mm/18mm/20mm
Grade	AB/ABCD/CD/DEF
Janka Hardness	1260psi
Density	0.55-0.65g/cm3
Condition	KD 7%-9%
Finish	UNFINISHED/PREFINISHED
Formaldehyde Release	E1
Joints	Perfect T&G or Click Lock
End and Edge	Micro bevel
Production line	HOMAG & WEINIG
Installation	Nail Down/Floating Down
Package	Cartons & dampness insulation plastic film,Pallet
Certificate	CE （ CODE-1393-CPR-0873）
OEM	Offered

## ***PREFINISHED OAK ENGINEERED FLOORING***

### Regular Color options



Unfinished Natural



Rustic limed



Concret gray



Natural oiled



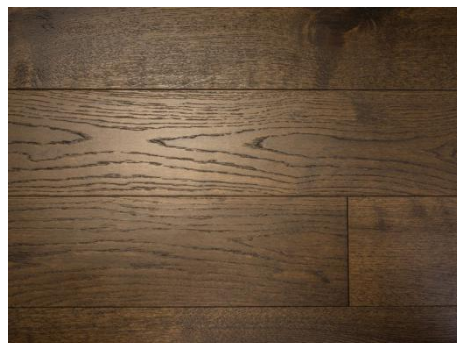
Limed white washed



Drift wood gray white



Natural invisible lacquered



Dark Wire Brushed Mocha





Natural Matt UV lacquered



Clay Wire Brushed



Smoked oiled rustic oak



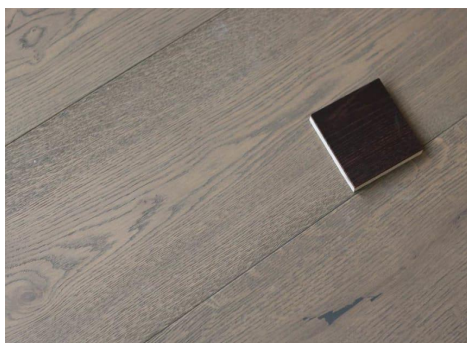
Deep Limed & Brushed



Sawn mark vintage gray



Sawn mark UV oiled oak



Dark grey wire brushed oak



Limed white washed oak



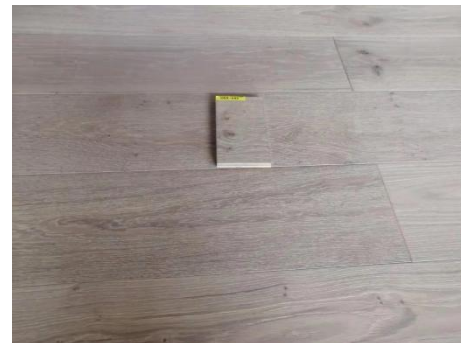
Selected White oiled



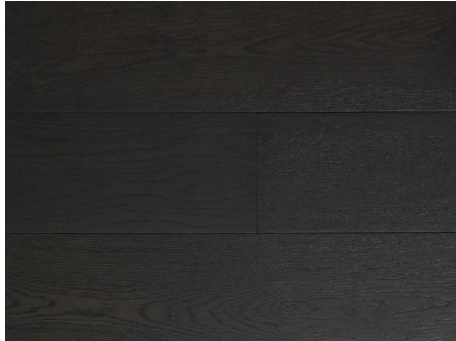
Jet Black wire brushed



Extra wide oak unfinished



Light Sand



Black washed oak



Ivory brushed white



Smoked oiled oak



Wax Oiled Natural Oak



## Project Showcase





# CE Certificate



PRODUCT TYPE-TESTING PROTOCOL No. 1393-CPR-1044 Str. 2/3

## 1. THE HARMONIZED TECHNICAL STANDARD, THE FOREIGN TECHNICAL STANDARD TAKING OVER IN THE EU MEMBER STATES THE HARMONIZED EUROPEAN STANDARD, THE EUROPEAN TECHNICAL APPROVAL OR DESIGNATED STANDARD

CSN EN 14342 Wood flooring - Characteristics, evaluation of conformity and marking

## 2. INFORMATION ABOUT THE PRODUCT

Wood flooring – multi-layer engineered wood flooring for interior use. Russian oak wood, European oak, China oak, amboyna, birch, cherry wood, red oak, white oak, elm, merbau, wenge, kempas, green mulberry, teak, poplar, black walnut, ash - (8-30)\*(70-300)\*(300-600)mm.

## 3. TECHNICAL DOCUMENTS

- CSN EN 13489 Wood flooring - Multi-layer parquet elements

## 4. RESULTS OF EXAMINATIONS AND THEIR EVALUATION

Results of examinations are part of the Test report MVZ - 02/16/347 from 18.07.2016 issued by Material and product testing department, Testing laboratory No. 1031 accredited by ČIA.

The following charts illustrate the evaluation of examination results:

Essential characteristics

Assessed property	Classification or test method	Requirement	Result or classification	Evaluation
Moisture content	CSN EN 13183-1	$7 \pm 2 \%$	9,0 %	Fulfil
Width – permit deviation	CSN EN 13647	$\pm 0,2 \text{ mm}$	0,3 mm	Fulfil
Reaction to fire	CSN EN 13501-1	-	D <sub>s</sub> s1	Multi-layer parquet, without surface finish, thickness 16 mm.
Release of formaldehyde	CSN EN 717-1	$\leq 0,124 \text{ mg/m}^3$	$\leq 0,012 \text{ mg/m}^3$	Fulfil
Emission of pentachlorophenol	CEN/TS 14823	$\leq 5 \text{ ppm}$	$\leq 5 \text{ ppm}$	Fulfil

Declared characteristics

Assessed property	Classification or test method	Requirement	Result or classification	Evaluation
Breaking strength	CSN EN 1533	-	-	Without declaration - NPD
Slipperiness	CEN/TS 15676	-	-	Without declaration - NPD
Thermal conductivity	CSN EN ISO 10456 CSN EN 12664	-	-	Without declaration - NPD



NOTIFIED BODY No. 1393

## PRODUCT TYPE-TESTING PROTOCOL 1393-CPR-1044

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this protocol applies to the construction product:

produced by or for:  
**Yingkou FengHua Wood Industry Co., Ltd.**  
No. 53 Jianye Road  
Yingkou City, Liaoning Province  
China

and produced in the factory:  
**Yingkou FengHua Wood Industry Co., Ltd.**  
No. 53 Jianye Road  
Yingkou City, Liaoning Province  
China

## WOOD FLOORING – MULTI-LAYER PARQUET ELEMENTS

This protocol attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standard

### EN 14342:2013

under system 3 are applied and that the product fulfils all the prescribed requirements set out above.

This protocol was first issued on 20 July 2016 and remains valid as long as the test methods and/or factory production control requirements included in the harmonized standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly, and latest on 20 July 2019.

The protocol must not be copied in another form than as a whole. If only a part is to be used, a written consent of the authorized person who issued this protocol is required. Original copies have relief stamp.

Date: 2016-07-20  
Number of pages: 3  
Annexes: 1 test protocol  
Number of copies: 2

Copy No. 1: Producer  
Copy No. 2: NB 1393 archive

Copy No.: 1

Ing. Jitka Beránková, Ph.D.  
Head of Notified Body No. 1393

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Na Florenti 7-8, 111 71 Praha 1



MATERIAL AND PRODUCT TESTING DEPARTMENT  
Testing Laboratory No. 1031 accredited by ČIA by CSN EN 17 025:2005

## TEST REPORT No. MVZ - 02/16/347

Customer: Timber Research and Development Institute, Prague, s. r. o.  
Notified body No. 1393  
Na Florenti 7-8  
111 71 Prague 1

Client: Yingkou FengHua Wood Industry Co., Ltd.  
No. 53 Jianye Road  
Yingkou City, Liaoning Province  
China

Object of the test:

MULTI-LAYER WOODEN FLOORING

Date: 2016-07-18

Number of pages: 3  
Number of annexes: 0  
Copies: 2  
Copy No. 1: Customer  
Copy No. 2: MVZ archive

The results of tests contained in this Test Report apply only to the subject tested and the Test Report does not represent approval of the product by the body granting accreditation or by any other body. The tests outside the scope of accreditation and sub-contractors are designated. The ČIA accreditation does not apply to the results of tests that are outside the scope of accreditation. The protocol shall not be copied otherwise but as a whole, and to use its part or section you need the written consent of the issuing laboratory. Original copies have relief stamp. In case of misunderstanding, the Czech version is valid.



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## 1. OBJECT AND PURPOSE OF THE TEST:

The purpose of the test is the determination of the moisture, dimensions and emission of formaldehyde of the supplied sample of multi-layer wooden flooring.

## 2. TEST SAMPLES:

Sample codes (laboratory): sample No. 651/16  
Sample name: multi-layer wooden flooring  
Sample description: Yingkou FengHua Wood Industry Co., Ltd.  
Producer: No. 53 Jianye Road, Yingkou City, Liaoning Province, China  
Quantity, size: 5 pieces, (600 x 190) mm  
Nominal thickness: 16 mm  
Date of production: July 2, 2016  
Date of reception: VVUD - MVZ  
Place of reception: VVUD - Březka Vlnčková  
Handled down: NB 1393, Ing. Lubmila Kotešová

## 3. TEST METHOD:

- CSN EN 13 183-1 Moisture content of a piece of sawn timber - Part 1: Determination by oven-dry method.
- CSN EN 13647 Wood and parquet flooring and paneling and cladding - Determination of geometrical characteristics
- TP-VVUD-2.64.001 (CSN EN 717-1) - Determination of formaldehyde in test chamber of VVUD.

Testing conditions for TP-VVUD-2.64.001 (CSN EN 717-1):

Volume of the chamber: 0,225 m<sup>3</sup>  
determination of emission value by the acetylacetone method

Prepare test pieces in accordance with CSN EN 14342 Annex A.

## 4. DATE OF TEST:

13 to 15 July 2016

## 5. TEST RESULT:

### 5.1 Moisture content

Sample No. 651/16

average value: 9,0 %  
minimum value: 8,9 %  
maximum value: 9,2 %



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## 5.2 Geometrical characteristics

Sample No. 651/16

Main dimensions – (600 x 190 x 16) mm

width: 190,3 mm  
average value (D<sub>av</sub>) 190,2 mm  
minimum value (D<sub>min</sub>) 190,2 mm  
maximum value (D<sub>max</sub>) 190,3 mm

## 5.3 Determination of the formaldehyde release

Sample No. 651/16

chamber value: 0,012 mg HCHO/m<sup>3</sup> of air

Prepared by: Alena Rábová

- End of report -

## ***Our factory workshop***



## ***Packing Details***



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