



NOTIFIED BODY No. 1393

## PRODUCT TYPE-TESTING PROTOCOL 1393-CPD-0335

In compliance the Directive 89/106/EEC of the Council of European Communities of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to the construction products (Construction Products Directive – CPD), amended by the Directive 93/68/EEC of the Council of European Communities of 22 July 1993, it has been stated that construction product

placed on the market by:

and produced in the factory:

### Wood flooring – multi-layer parquet elements

is submitted by the manufacturer to a production control and that the approved body - Timber Research and Development Institute Praha - has performed the initial type-testing for the relevant characteristics of the product (system 3).

This protocol attests that all provisions concerning the attestation of conformity and the performances described in Annex ZA of the standard

#### EN 14342:2005+A1:2008

are applied and that the product fulfils all the prescribed requirements.

This protocol was first issued on 15 May 2008 and remains valid as long as the conditions laid down in the harmonised technical specification in reference of the manufacturing conditions in the factory or the FPC itself are not modified significantly, and latest on 15 May 2011.

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.

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Annexes: 4 test protocols

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## 1. INFORMATION ABOUT THE PRODUCT

Wood flooring – three-layer engineered wooden flooring for interior use. Top layer oak, maple, ash, pine, 10(10-22)\*75(75-305)\*1200(1200-3660)mm.

## 2. TECHNICAL DOCUMENTS

EN 14 342 Wood flooring – Characteristics, evaluation of conformity and marking  
EN 13 489 Wood flooring – Multi-layer parquet elements

## 3. RESULTS OF EXAMINATIONS AND THEIR EVALUATION

Results of examinations are part of the protocols:

- 3.1 Test report FCHL – 363/08 from 3.3.2008 issued by Material and product testing department – The physical and chemical laboratory, Testing laboratory No. 1031 accredited by ČIA,
- 3.2 Test report FCHL – 410/08 from 13.5.2008 issued by Material and product testing department – The physical and chemical laboratory, Testing laboratory No. 1031 accredited by ČIA,
- 3.3 Test report No. 090118520013 from 26.4.2009 issued by Zhejiang Fangyuan Test Group Co., Ltd,
- 3.4 Test report No. 90217 from 8.6.2009 issued by CTIB-TCHN Brussel.

The following charts illustrate the evaluation of examination results:

### Essential characteristics

Assessed property	Classification or test method	Requirement	Result or classification	Evaluation
Moisture content	EN 13183-1	9 ±2 %	7,0 %	Fulfil
Width – permit. deviation	EN 13647	±0,2 mm	-0,1 mm	Fulfil
Reaction to fire	EN 13501-1	-	D <sub>n</sub> -s1	Multi-layer parquet, thickness 16 mm, without surface finish.
Release of formaldehyde	EN 717-1	≤ 0,124 mg/m <sup>3</sup>	≤ 0,014 mg/m <sup>3</sup>	Fulfil
Emission of pentachlorophenol	prCEN/TR 14823	≤ 5 ppm	≤ 5 ppm	Fulfil – producer declares he does not use any pentachlorophenol containing materials.

### Declared characteristics

Assessed property	Classification or test method	Requirement	Result or classification	Evaluation
Breaking strength	EN 1533	-	22,7 kN	Multi-layer parquet, thickness 22 mm, with surface finish.
Slipperiness	CEN/TS 15676	-	USRV 58	Multi-layer parquet, thickness 22 mm, with surface finish.
Thermal conductivity	EN ISO 10456 EN 12664	-	0,15 W/(mK)	Multi-layer parquet, thickness 22 mm, with surface finish.

Biological durability	EN 335-1 EN 335-2	Class 1	<b>Class 1</b>	Without declaration – NPD Where a wood component is inaccessible or where the consequences of its failure are serious, it may be more appropriate to consider a more durable timber or a more intensive preservative treatment.
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Elaborated by: Ing. Ludmila Koteňová