

Fine Furniture  
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Dresden, 14 August 2007  
70-em/ha

## Test report Order No. 277153

**Customer:** Fine Furniture  
No 66 Tao Yuan Road  
DONGHAI, NANHUI DISTRICT SHANGHAI  
CHINA

**Date of order:** 07 May 2007

**Order:** Testing of parquets for CE-labelling

**Institution:** EPH – Laboratory Surface Testing

**Engineer in charge:** Dipl.-Ing. (FH) M. Hanitzsch



Dr.-Ing. R. Emmeler  
Head of Laboratory Surface Testing

The test report contains 2 pages and 9 annexes with in summary 54 pages. Any duplication, even in part, requires written permission of EPH. These test results are exclusively related to the tested material.

## 1 Task

The Notified Body (Nr. 766) Entwicklungs- und Prüflabor für Holztechnologie GmbH (EPH) was instructed by Fine Furniture is Shanghai / China to carry out the fire resistance test of 3 variants of parquet for CE-labelling according to EN 14342.

## 2 Test material

The customer has sent 3 variants of multilayer parquet (arrival at the EPH-laboratory: 22 May 2007). The variants were marked as following for the test of:

- Var. 1: Multilayer parquet, Oak, dimension 1820 x 140 x 14,5 mm
- Var. 2: Multilayer parquet, Merbau, dimension 1820 x 140 x 14,5 mm
- Var. 3: Multilayer parquet, Jatoba, dimension 1820 x 140 x 14,5 mm

## 3 Determination of the fire resistance test

The fire resistance tests were carried out according to EN ISO 11925-2 and EN ISO 9239-1 at the Notified Fire testing Body MPA Dresden. The results were classified according to EN 13501-1 (if possible).

## 4 Results

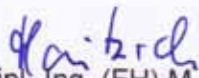
Variant	Critical heat flux in kW / m <sup>2</sup>	Fire classes according to EN 13501-1 or EN 14342
1	4,88	C <sub>(fl)</sub> -s1
2	6,10	C <sub>(fl)</sub> -s1
3	6,35	C <sub>(fl)</sub> -s1

Three classification reports and 6 test reports with the results of the variants 1, 2 and 3 are annexes to this test report.

## 5 Evaluation

The tested variants of parquets can be classified for the property "fire resistance" according to the CE-labelling (EN 14342) as follows:

Variant	Property	Result	Declaration according to EN 14342
1	fire resistance according to EN 13501-1	4,88 kW / m <sup>2</sup>	C <sub>(fl)</sub> -s1
2		6,10 kW / m <sup>2</sup>	C <sub>(fl)</sub> -s1
3		6,35 kW / m <sup>2</sup>	C <sub>(fl)</sub> -s1

  
Dipl.-Ing. (FH) M. Hanitzsch  
Engineer in charge