



**WOOD.BE**  
**Dhr. Thomas Wynsberghe**  
**Hof Ter Vleestdreef 3**  
**1070 BRUSSEL**

**Your notice of**  
 28-01-2020

**Your reference**

**Date**  
 09-03-2020

## Analysis Report 20.00501.01

Required tests :

**EN 13501-1 (2019)**

Identification number	Information given by the client	Date of receipt
T2001949	Parky Deluxe	28-01-2020



Petra Wittevrongel  
 Order responsible

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 In assessing compliance with the specifications, we did not take into account the uncertainty on the test results.



**Reference: T2001949 - Parky Deluxe**

**Information given by the client**

Product standard	EN 13501-1 (2019)
Product	Veneered floor covering
Product detail	Veneered floor covering with surface coating
FR treated	yes
Density	850 kg/m <sup>3</sup>
Thickness	12 mm
End use condition	Without air gap underneath

**Notified body No: 0493**



**Reference: T2001949 - Parky Deluxe**

**Reaction to fire tests – Ignitability of building products subjected to direct impingement of flame - Single-flame source test**

Product standard EN 13501-1 (2019)

Classification of wooden floors in accordance with EN 14342: 2013

“The wooden floor coverings as listed in Table 1, in the end uses identified in the table , are classified without further testing (CWFT) in the classes shown and do not require testing in respect of these uses and classes”.

**Table 1 – Classes of reaction to fire performance for wood flooring, classified without further testing**

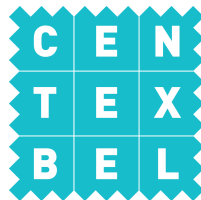
Product <sup>a, g</sup>	Product detail <sup>d</sup>	Minimum mean density <sup>e</sup> (kg/m <sup>3</sup> )	Minimum overall thickness (mm)	End-use condition	Class <sup>g</sup> for floorings
Wood flooring and parquet	Solid flooring of oak or beech with surface coating	Beech: 680 Oak: 650	8	Glued to substrate <sup>f</sup>	C <sub>fl</sub> - s1
	Solid flooring of oak, beech or spruce and with surface coating	Beech: 680 Oak: 650 Spruce: 450	20	With or without air gap underneath	
	Solid wood flooring with surface coating and not specified above	390	8	Without air gap underneath	D <sub>fl</sub> - s1
		390	20	With or without air gap underneath	
	Solid wood flooring and parquet not specified above <sup>i</sup>	400	6	All	E <sub>fl</sub>
Wood parquet	Multilayer parquet with a top layer of oak of at least 5 mm thickness and with surface coating	650 (top layer)	10	Glued to substrate <sup>f</sup>	C <sub>fl</sub> - s1
			14 <sup>b</sup>	With or without air gap underneath	
	Multilayer parquet with surface coating and not specified above	500	8	Glued to substrate	D <sub>fl</sub> - s1
			10	Without air gap underneath	
			14 <sup>b</sup>	With or without air gap underneath	
	Solid wood (one layer) parquet of walnut <sup>i</sup>	650	8	Glued to substrate <sup>j</sup>	D <sub>fl</sub> -s1
	Solid (one layer) parquet of oak, maple and ash <sup>i</sup>	Ash: 650 Maple: 650 Oak: 720	8	Glued to substrate <sup>j</sup>	D <sub>fl</sub> -s1
Wood flooring	Multilayer parquet with oak top layer, at least 3,5 mm <sup>i</sup>	550	15 <sup>h</sup>	Without air gap underneath	D <sub>fl</sub> -s1
	Solid wood flooring of pine and spruce <sup>i</sup>	Pine: 480 Spruce: 400	14	Without air gap underneath	D <sub>fl</sub> -s1
	Solid flooring of beech, oak, pine or spruce <sup>i</sup>	Beech: 700 Oak: 700 Pine: 430 Spruce: 400	20	With or without air gap underneath	D <sub>fl</sub> -s1
Veneered floor covering	Veneered floor covering with surface coating	800	6 <sup>b</sup>	Without air gap underneath	D <sub>fl</sub> - s1
<sup>a</sup> Mounted in accordance with EN ISO 9239-1, on a substrate of at least Class D - s2, d0 and with minimum density of 400 kg/m <sup>3</sup> or with an air gap underneath. <sup>b</sup> An interlayer of at least Class E and with maximum thickness 3 mm may be included in applications without an air gap, for parquet products with 14 mm thickness or more and for veneered floor coverings. <sup>c</sup> Class as provided for in Commission Decision 2000/147/EC Annex Table 2.					

<sup>d</sup> Type and quantity of surface coatings included are acrylic, polyurethane or soap, 50-100 g/m <sup>2</sup> , and oil, 20-60 g/m <sup>2</sup> . <sup>e</sup> Conditioned according to EN 13238 (50 % RH 23 °C). <sup>f</sup> Substrate at least Class A2 - s1, d0. <sup>g</sup> Applies also to steps of stairs. <sup>h</sup> An interlayer of at least Class Efl and with maximum thickness 3 mm and minimum density of 280 kg/m <sup>3</sup> may be included. <sup>i</sup> Without surface coatings. <sup>j</sup> Substrate at least Class D-s2,d0.
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**Classification**

Class D<sub>fl</sub>/s1



**Reference: T2001949 - Parky Deluxe**

**Reaction to fire tests for floorings - Determination of the burning behaviour using a radiant heat source**

Date of ending the test	03-03-2020
Standard used	EN ISO 9239-1 (2010)
Product standard	EN 13501-1 (2019)
Deviation from the standard	-
Conditioning	23°C, relative humidity 50% Minimum 14 days or until constant mass is achieved

The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test: they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

**Test specimen**

Substrate	Particle board - density $(680 \pm 50) \text{ kg/m}^3$
Mounting	Loose-laid
Specimens have not been cleaned	
Joint	At 25 cm and 75 cm

### Radiant heat flux

	Flame spread distance (cm)			Flame time	Heat flux *
	10 min	20 min	30 min		kW/m <sup>2</sup>
Length					
#1	19	23	23	15 min 45 s	8.6
Width					
#1	22	24	24	15 min 00 s	8.4
#2	22	24	24	17 min 15 s	8.6
#3	22	24	24	13 min 20 s	8.6
Average					8.5

\* Heat flux at the time of flame extinguishment or after a test duration of 30 minutes.

Fire classification in accordance with EN 13501-1 (2019)		
Class	EN ISO 11925-2 or CWFT	EN ISO 9239-1 (test duration = 30 min)
B <sub>fl</sub>	E <sub>fl</sub>	heat flux ≥ 8,0 kW/m <sup>2</sup>
C <sub>fl</sub>	E <sub>fl</sub>	heat flux ≥ 4,5 kW/m <sup>2</sup>
D <sub>fl</sub>	E <sub>fl</sub>	heat flux ≥ 3,0 kW/m <sup>2</sup>

### Smoke production: Light attenuation

	Maximum (%)	Total (%.min)
Length		
#1	2	19
Width		
#1	1	13
#2	1	8
#3	1	2
Average		8

Additional classification in accordance with EN 13501-1 (2019)	
smoke production ≤ 750%.min	s1
smoke production > 750%.min	s2



**Reaction to fire classification : B<sub>fl</sub>/ s1**

*Loose-laid on a combustible substrate\**

*\* End use substrates of wood and of classes A1 and A2-s1,d0 (EN 13238:2010 § 5.2.3)*

**Limitations**

This classification document does not represent type approval or certification of the product.