



**WOOD.BE**  
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**Your notice of**  
 28-01-2020

**Your reference**

**Date**  
 09-03-2020

## Analysis Report 20.00501.02

Required tests :

**EN 13501-1 (2019)**

Identification number	Information given by the client	Date of receipt
T2001950	Parky Lounge	28-01-2020



Petra Wittevrongel  
 Order responsible

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 The results of the analysis cover the received samples. Centexbel is not responsible for the representativeness of the samples.  
 In assessing compliance with the specifications, we did not take into account the uncertainty on the test results.

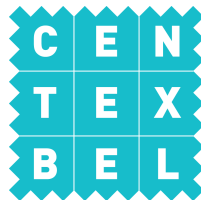


**Reference: T2001950 - Parky Lounge**

**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	8.3 mm
End use condition	Without air gap underneath

**Notified body No: 0493**



**Reference: T2001950 - Parky Lounge**

**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: T2001950 - Parky Lounge**

**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>
Width					
#1	23	23	23	13 min 30 s	8.6
Length					
#1	22	23	23	15 min 20 s	8.6
#2	22	24	24	30 min 00 s	8.6
#3	23	23	23	14 min 55 s	8.8
Average					8.7

\* 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)
Width		
#1	2	8
Length		
#1	0	2
#2	1	4
#3	1	7
Average		4

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.