



# Centrum stavebního inženýrství a.s.

Fire Technical Laboratory

AUTHORIZED  
BODY No. 212

NOTIFIED  
BODY No. 1390

## CLASSIFICATION OF REACTION TO FIRE IN ACCORDANCE WITH EN 13501-1:2007

**Applicant:** FORESTRY, TIMBER AND  
ENVIROMENT  
CONSULT SDN.BHD  
Level 8, Wisma General Lumber,  
Block D, Peremba Square  
Saujana Resort, 40150 Shah Alam  
Malaysia

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**Product name:** TIMBER TOP

**Classification  
report No.:** PK-08-084

**Issue number:** 1/2

**Date of issue:** 3<sup>rd</sup> October 2008

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## 1. DETAILS OF CLASSIFIED PRODUCT

### Nature and end use application:

The product *TIMBER TOP* is defined as a „type of classified product“. Its classification is valid for the following end use application:

Flooring parquet blocks

### Description:

The product *TIMBER TOP* is fully described in the test reports in support of the classification listed in clause 2.

## 2. TEST REPORTS AND TEST RESULTS IN SUPPORT OF THIS CLASSIFICATION

### Test reports

Name of laboratory	Name of sponsor	Test report ref. no.	Test method
CSI a.s., Fire technical laboratory	FORESTRY, TIMBER AND ENVIROMENT CONSULT SDN.BHD	14264 – 1/2	ČSN EN ISO 11925-2
CSI a.s., Fire technical laboratory	FORESTRY, TIMBER AND ENVIROMENT CONSULT SDN.BHD	14264 – 2/2	ČSN EN ISO 9239-1

### Measured values

Test method	Parameter	Number of test	Results	
			Continuous parameter mean (m)	Compliance parameters
ČSN EN ISO 11925-2 surface flame attack	$F_s \leq 150$ mm	6	(-)	yes
ČSN EN ISO 9239-1	CHF (kW/m <sup>2</sup> )	3	4,0	(-)
	Smoke (% × min)	3	117,1	(-)

(-): not applicable

**Test results**

Test method	Parameter	Mean value	Criterion compliance
ČSN EN ISO 11925-2	$F_s \leq 150 \text{ mm (1)}$	yes	yes (B to D)

(1): until 20. second from the start of exposition

**Test results**

Test method	Parameter	Mean value	Criterion compliance
ČSN EN ISO 9239-1	CHF ( $\text{kW/m}^2$ ) Smoke (% x min)	4,0 117,1	$\geq 3,0 (D_{fi})$ $\leq 750 (s1)$

**3. CLASSIFICATION AND DIRECT FIELD OF APPLICATION****Reference and direct field of application**

This classification has been carried out in accordance with the clauses 11.4 and 12.9.2 of EN 13501-1:2007.

**Classification**

The product *TIMBER TOP*, in relation to its reaction to fire behaviour is classified:

**$D_{fi}$**

The additional classification in relation to smoke production is:

**s1**

The format of the reaction to fire classification for *TIMBER TOP* is:

Fire behaviour		Smoke production	
$D_{fi}$	-	s	1

**Reaction to fire classification:  $D_{fi}$ -s1**

**Field of application**

This classification is valid for the identical products placed on the market under the product name:

- WOODLINE
- FLOOR ART

This classification is valid for the following end use conditions:

- The product putted on the substrates of reaction to fire class at least  $D_{fl}$

**4. LIMITATIONS****Restrictions**

This classification report is valid until 3<sup>rd</sup> October 2013, provided that the technical specifications of the product will not be changed.

**Warning**

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

Prepared:



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Reviewed:

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