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AUTHORIZED BODY AO 216

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CLASSIFICATION REPORT

ACCORDING TO EN 13501-1: 2003

1. GENERAL LAYOUT

Subject of classification: **Reaction to fire of construction product**

Name and type of element: Fibre-cement corrugated sheets - type B9 (profile 177/51)
- unpainted

Identification Number:

PK1-01-07-011-A-0

Date of issue: 2007-01-29

Owner of report: CEMBRIT CZ, a.s.
Lidická 302
266 38 Beroun

Organisation undertaking classification: PAVUS, a.s.
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Czech Republic
Fire testing laboratory Veselí nad Lužnicí

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2. INTRODUCTION

- 2.1. This classification report defines the classification assigned to particular element in accordance with the procedures given in EN 13501-1.
- 2.2. This classification report has 3 pages and should be used as a whole only.

3. DETAILS OF CLASSIFIED ELEMENT

3.2 Nature and end use application

Fibre-cement corrugated sheets - type B9 (profile 177/51) - unpainted are produced by the company of Cembrit CZ, a.s., the plant Šumperk. The products are used as roofing and cladding.

3.3 Description

- Thickness: (6,5 ±0,6) mm
- Density: minimally 1 350 kg/m³
- Organic content: c. 4,5 % of the mass

4. TEST REPORT AND TEST RESULTS IN SUPPORT OF THIS CLASSIFICATION

4.1. Test report

Name of laboratory Address Accreditation No.	Sponsor of test report	Test report No.	Test method according to
PAVUS, a.s. Veselí nad Lužnicí AZL No. 1026	CEMBRIT CZ, a.s. Lidická 302 266 38 Beroun	Pr-07-1.007	EN ISO 1716
		Pr-07-1.005	EN ISO 1182

4.2. Test results for construction product

Test method according to	Parameter	Number of tests	Results	
			Continous parameter mean	Compliance parameter
EN ISO 1716	PCS (MJ/kg)	3	0,79	≤ 2,0 (A1)
EN ISO 1182	ΔT (°C)	5	10,7	≤ 30 (A1)
	Δm (%)		18,95	≤ 50 (A1)
	t_f (s)		0	0 (A1)

5. CLASSIFICATION AND DIRECT FIELD OF APPLICATION

5.1. Reference and direct field of application

This classification has been carried out in accordance with clause 10, EN 13501-1.

5.2. Classification

Regarding the reaction to fire the product - Fibre-cement corrugated sheets - type B9 (profile 177/51) - unpainted is classified into the class:

reaction to fire class - A1

5.3. Field of application

This classification is valid for following end use application:

Fibre-cement corrugated sheets - type B9 (profile 177/51) is used as roofing and cladding.

6. LIMITATIONS

6.1. Restrictions

Time limitation of the classification report validity is 5 years of its issuing.

6.2. Warning

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

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