



le futur en construction

SAFETY, STRUCTURES AND FIRE DEPARTMENT

Reaction to fire

REACTION TO FIRE CLASSIFICATION REPORT

No. RA07-0479

ACCORDING TO THE EUROPEAN STANDARD

NF EN 13501-1

Notification by the French Government to the European Commission under no 0679.

Seule la version française fait foi.

The french version is legally acceptable

Product standard

NF EN 13986: Wood-based panels for use in construction –
Characteristics, evaluation of conformity and marking

Owner: TAVAPAN SA
10 rue de la Dout
2710 TAVANNES
SWITZERLAND

Commercial brand(s): CREAWOOD® type A28 – noyer ami – EURO class B

Manufacturing unit(s): TAVAPAN SA
10 rue de la Dout
2710 TAVANNES
SWITZERLAND

Brief description: Wood-based acoustic panel
(see detailed description in paragraph 2)

Date of issue: November 29th, 2007

The indicated classification does not prejudice the conformity of marketed materials with the samples submitted to the tests and under no circumstances, this document should not be considered as type approval or certification of the product in the sense of the L 115-27 article of the consumption's code and of the law dated June 3rd, 1994.

If this report is being issued by e-mail and/or on an electronic medium, only the hard copy of the report signed by CSTB shall prevail in the event of a dispute.

The reproduction of this classification report is only authorised in its integral form.
It comprises 4 pages.

CENTRE SCIENTIFIQUE ET TECHNIQUE DU BATIMENT

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1. Introduction

This classification report defines the classification assigned to the above-mentioned products in accordance with the procedures given in the NF EN 13501-1 standard.

2. Product description

Perforated and slit medium density fibreboard panel, fire retarded during production and covered with a natural decorative wood veneer stuck (fire retarded glue) and a transparent acrylic varnish. The backside is surfaced with a black fibre glass tissue stuck.

Nominal density of the manufactured panel: 452 kg/m³.

Overall nominal thickness: 21 mm.

Nominal thickness of the wood veneer: 0.35 mm.

Tested specie: noyer ami.

Slit type: A28.

3. Tests reports and tests results in support of this classification
3.1 Tests reports

Name of laboratory	Name of sponsor	Test identification	Test report Nos.	Test method
CSTB	TAVAPAN SA 10 rue de la Dout 2710 TAVANNES SWITZERLAND	ES541070805	RA07-0479	EN ISO 11925-2 EN 13823

3.2 Tests results

Test method	Product	Number of tests	Parameters	Results
				Compliance parameters
EN ISO 11925-2 30s surface exposure	CREAWOOD® type A28 noyer ami - EURO class B (vener)	6	Fs > 150 mm Filter paper	Not reached Not ignited
EN ISO 11925-2 30s edge exposure	CREAWOOD® type A28 noyer ami - EURO class B (vener)	6	Fs > 150 mm Filter paper	Not reached Not ignited

Test method	Product	Number of tests	Parameters	Results	
				Continuous parameters : mean value	Compliance parameters
EN 13823	CREAWOOD® type A28 noyer ami EURO class B	3	FIGRA _{0,2MJ} (W/s)	103.9	-
			FIGRA _{0,4MJ} (W/s)	56.5	-
			LFS	-	Not reached
			THR _{600s} (MJ)	3.6	-
			SMOGRA(m ² /s ²)	14.3	-
			TSP _{600s} (m ²)	191.8	-
			Flaming droplets or debris	-	None

(-) means: not applicable

4. Classification and direct field of application

4.1 Reference of the classification

This classification has been carried out in accordance with clauses 11.6, 11.9.3 and 11.10.1 of the NF EN 13501-1 standard.

4.2 Classification

Fire behaviour		Smoke production		Flaming droplets or debris
B	-	s2	,	d0

Classification: B – s2, d0

4.3 Field of application

This classification is valid for the following product parameters:

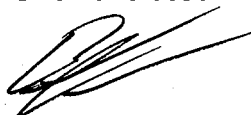
- Wood specie: noyer ami.
- Slit type: A28.
- Overall nominal thickness: 21 mm.
- Nominal thickness of the veneer: 0.35 mm.
- Nominal density of the manufactured panel: 452 kg/m³.

This classification is valid for the following end use conditions:

- With a minimum airgap of 40 mm.
- With horizontal timbers setup.

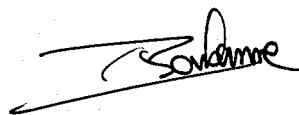
Champs-sur-Marne, November 29th, 2007

The Technician
Responsible for the test



Olivier BRAULT

The Head of Reaction to Fire activity



Martial BONHOMME

.....END OF THE CLASSIFICATION REPORT