Institut pro testování a certifikaci, a.s.
Divize CSI - Centrum stavebního inženýrství

Fire Technical Laboratory

AUTHORIZED BODY

NOTIFIED BODY

CLASSIFICATION OF REACTION TO FIRE IN ACCORDANCE WITH ČSN EN 13501-1:2019

Applicant: DENCOP LIGHTING spol. s r.o.
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Product name: *Composite panel ACP Bond*

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1. DETAILS OF CLASSIFIED PRODUCT

Nature and end use application:

The product *Composite panel ACP Bond* is defined as a type of cladding panel.

Description:

The product *Composite panel ACP Bond* 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
ITC, a.s., Divize CSI, Fire technical laboratory	Dencop Lighting spol. s r.o.	23/P667 23/P669	ČSN EN ISO 11925-2
		23/P668 23/P670	ČSN EN 13823

Measured values

Test method	Parameter	Number of test	Results	
			Continuous parameter mean (m)	Compliance parameters
EN ISO 11925-2(1) exposition = 30 s surface flame attack	*Fs* ≤ 150 mm ignition of the filter paper	6 6	yes no	yes (B to D) yes (d2)
EN ISO 11925-2(1) exposition = 30 s) edge flame attack	*Fs* ≤ 150 mm ignition of the filter paper	6 6	yes no	yes (B to D) yes (d2)
EN ISO 11925-2(2) exposition = 30 s surface flame attack	*Fs* ≤ 150 mm ignition of the filter paper	6 6	yes no	yes (B to D) yes (d2)
EN ISO 11925-2(2) exposition = 30 s edge flame attack	*Fs* ≤ 150 mm ignition of the filter paper	6 6	yes no	yes (B to D) yes (d2)
ČSN EN 13823(1)	$FIGRA_{0,2\,MJ}$ (W/s) *LFS* < edge $THR_{600\,s}$ (MJ)	3 3 3	71,4 yes 3,4	≤ 120 (B) yes (B) ≤ 7,5 (B)
	SMOGRA (m^2/s^2) $TSP_{600\,s}$ (m^2)	3 3	5,1 47,5	≤ 30 (s1) ≤ 50 (s1)
	flaming droplets / particles	3	no	no (d0)
ČSN EN 13823(2)	$FIGRA_{0,2\,MJ}$ (W/s) *LFS* < edge $THR_{600\,s}$ (MJ)	3 3 3	42,4 yes 5,0	≤ 120 (B) yes (B) ≤ 7,5 (B)
	SMOGRA (m^2/s^2) $TSP_{600\,s}$ (m^2)	3 3	0 1,8	≤ 30 (s1) ≤ 50 (s1)
	flaming droplets / particles	3	no	no (d0)

(1): ACP Bond 0,3/3,0 mm
(2): ACP Bond 0,12 / 3,0 mm

3. Classification and direct field of application

Reference and direct field of application

This classification has been carried out in accordance with the clause 11.6, 11.9.2 and 11.10.1 of ČSN EN 13501-1:2019.

Classification

The product *Composite panel ACP Bond*, in relation to its reaction to fire behaviour is classified:

B

The additional classification in relation to smoke production is:

s1

The additional classification in relation to flaming droplets/particles is:

d0

The format of the reaction to fire classification for *Composite panel ACP Bond* is:

Fire behaviour		Smoke production			Flaming droplets	
B	-	s	1	,	d	0

Reaction to fire classification: B-s1, d0

Field of application

This classification is valid for the following product parameters:

- Total thickness: 3 mm
- Thickness of aluminium facing ≥ 0,12 mm

This classification is valid for the following end use conditions:

- Mechanically fastened to metal support structures or to substrates of rection to fire class A1

4. LIMITATIONS

Restrictions

This classification report is valid, 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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head of laboratory