



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: CROWN DECOR PVT. Ltd.
Building-One42, North Tower 401 to 403,
380054 AHMEDABAD, GUJARAT
India

Prepared by: Institut pro testování a certifikaci, a.s.
Divize CSI – Centrum stavebního
inženýrství
Pražská 16, 102 00 Praha 10
Czech Republic

Product name: *Compact Laminate, Thickness 3.0 mm,
Grade - CGF*

**Classification
report No.:** PK-23-218

Issue number: 1/2

Date of issue: 20th December 2023

This classification report consists of 4 pages and may only
be used or reproduced in its entirety.

1. DETAILS OF CLASSIFIED PRODUCT

Nature and end use application:

The product, *Compact Laminate, Thickness 3.0 mm, Grade - CGF*, is defined as a type of cladding board for walls and ceilings.

Description:

The product *Compact Laminate, Thickness 3.0 mm, Grade - CGF* 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, AZL No. 1007.4	CROWN DECOR PVT. Ltd.	23/P620	ČSN EN ISO 11925-2
		23/P621	ČSN EN 13823

Measured values and test results:

Test method	Parameter	Number of test	Results	
			Continuous parameter mean (m)	Compliance parameters
ČSN EN ISO 11925-2	$F_s \leq 150 \text{ mm}^{(1)}$	6	yes	yes (B to D) no (d0)
	ignition of the filter paper ⁽¹⁾	6	no	
	$F_s \leq 150 \text{ mm}^{(2)}$	6	yes	
	ignition of the filter paper ⁽²⁾	6	no	
ČSN EN 13823	$FIGRA_{0,2 \text{ MJ}} \text{ (W/s)}$	3	23,7	$\leq 120 \text{ (B)}$
	$LFS > \text{edge}$	3	no	no (B, C)
	$THR_{600 \text{ s}} \text{ (MJ)}$	3	3,4	$\leq 7,5 \text{ (B)}$
	$SMOGRA \text{ (m}^2\text{/s}^2\text{)}$	3	1,8	$\leq 30 \text{ (s1)}$
	$TSP_{600 \text{ s}} \text{ (m}^2\text{)}$	3	24,0	$\leq 50 \text{ (s1)}$
	flaming droplets / particles	3	no	no (d0)

(1): surface flame attack, exposition = 30 s

(2): edge flame attack, exposition = 30 s

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 *Compact Laminate, Thickness 3.0 mm, Grade - CGF*, 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 *Compact Laminate, Thickness 3.0 mm, Grade - CGF* 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 end use conditions:

- valid for interior applications
- valid for compact laminate glued on the substrate of fibre cement board of thickness at least 11,5 mm, density $\geq 1200 \text{ kg/m}^3$ and reaction to fire class A1 or A2-s1, d0.
- supporting frame: valid for wood-based frame or any other frames (for example aluminium or steel frame)
- fixing: valid for fixing spacing up to 800 mm

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:

Jiří Socha



Reviewed:

Vít Slaboch
head of laboratory