



jakość w budownictwie

Instytut Techniki Budowlanej

Jednostka notyfikowana nr 1488 | Członek EOTA | Certyfikaty akredytacji PCA nr: AB 023, AC 020, AC 072, AP 113
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REACTION TO FIRE CLASSIFICATION REPORT IN ACCORDANCE WITH EN 13501-1:2007

Contract no. 2387/11/Z00NP

Sponsor:	HOKUSAN Ltd. 1-7-6 Shinkiba Koto-Ku, Tokyo Japan 136-0082
Prepared by:	Building Research Institute; 1, Filtrowa str. 00-611 Warszawa, Poland
Product name:	Wall and ceiling facing with trade name SanFoot™
Classification report No.:	2387/11/Z00NP
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This classification report consists of four pages and may only be used or reproduced in its entirety.

1. Introduction

This classification report defines the classification assigned to wall and ceiling facing with trade name SanFoot™ in accordance with the procedures given in EN 13501-1:2007.

2. Details of classified product

2.1 General

The product is defined as wall and ceiling facing.

2.2 Product description

The product, is described below.

Product description:

Description of SanFoot™ product:

Composite wall and ceiling facing is made on the basis of natural veneer.

The structure of composite wall and ceiling facing SanFoot™ is following (order of layers is from face surface):

Wall and ceiling facing with trade name Sanfoot™ is produced by HOKUSAN Ltd. 1-7-6 Shinkiba Koto-Ku, Tokyo Japan 136-0082.

3. Test reports & test results in support of classification

3.1 Test reports

Name of laboratory	Name of sponsor	Test report no.	Test method
Fire Testing Laboratory of ITB	HOKUSAN Ltd.	LP01-2387/11/Z00NP	PN-EN ISO 11925-2
		LP02-2387/11/Z00NP	PN-EN 13823

3.2 Test results

Test method	Parameter	Number of tests	Results	
			Continuous parameter – mean (m)	Compliance with parameters
PN-EN ISO 11925-2 Surface and edge exposure exposure time 30 s Wall and ceiling facing SanFoot™	$F_s \leq 150$ mm	6	(-)	Y
	Flaming Droplets/particles		(-)	N
PN-EN 13823 Wall and ceiling facing SanFoot™	FIGRA _{0,2MJ}	3	63,1	(-)
	FIGRA _{0,4MJ}		2,1	(-)
	LFS < edge		(-)	T
	THR _{600s} [MJ]		0,9	(-)
	SMOGRA [m ² /s ²]		0,0	(-)
	TSP _{600s} [m ²]		43,9	(-)
Flaming Droplets/particles	(-)	N		

(-): do not concern

Y: Yes

N: No

4 Classification and field of application

4.1 Reference of classification

This classification has been carried out in accordance with EN 13501-1:2007.

4.2 Classification

The products, wall and ceiling facing SanFoot™, in relation to its reaction to fire behaviour are 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 construction products excluding floorings and linear pipe thermal insulation products is:

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

i.e.: **B-s1,d0**

Reaction to fire classification: B-s1,d0

4.3 Field of application

This classification is valid for the following product parameters:

- Wall and ceiling facing SanFoot™ described in point 2.2 this classification report.
- Wall and ceiling facing SanFoot™ described in point 2.2 this classification report glued to substrates and elements with reaction to fire class A1 and A2 or for plasterboards.

5 Limitations

This classification given remains valid as long as:

- test method remains unchanged,
- product standard or technical approval remains unchanged,
- constructional or material modifications do not exceed limits of the field of application defined in 4.3.

This classification report has been issued in two copies. Additional signed copies can be issued by Fire Research Department of ITB on the request of the report's owner only.

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

SIGNED

APPROVED

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