

Title:

CLASSIFICATION OF REACTION TO FIRE
PERFORMANCE
IN ACCORDANCE WITH
EN 13501-1:2018.

Notified Body No:

0833

Product Name:

(Alideck "PD712895MRT.90 - Beige Metallic
Speckle")

Report No:

WF 423538

Issue No:

2

Prepared for:

Canoports UK Ltd
T/A Milwood Group
27 Rochester Airport Industrial Est.
Laker Road
Rochester
Kent
ME1 3QX

Date:

4th February 2020

1. Introduction

This classification report defines the classification assigned to (Alideck "PD712895MRT.90 - Beige Metallic Speckle"), a coated aluminium decking board, in accordance with the procedures given in EN 13501-1:2018.

2. Details of classified product

2.1 General

The product, (Alideck "PD712895MRT.90 - Beige Metallic Speckle"), is defined as being suitable for floorcovering applications.

2.2 Product description

The product, (Alideck "PD712895MRT.90 - Beige Metallic Speckle"), is fully described below and in the test reports provided in support of classification listed in Clause 3.1.

General description		Aluminium decking board
Product reference		"Alideck"
Name of manufacturer		Milwood Group
Profile thickness		20mm (stated by sponsor) 21.71mm (determined by Warringtonfire)
Profile weight per unit area		13.07kg/m ² (determined by Warringtonfire)
Coating	Generic type	Polyester powder coating
	Product reference	"PD712895MRT.90"
	Name of manufacturer	Sherwin Williams Syntha Pulvin
	Colour reference	"Beige Metallic Speckle"
	Number of coats	One
	Application thickness	60 – 80µm
	Application rate	84g/m ²
	Density / specific gravity	See Note 1 Below
	Application method	Electrostatic spray
	Curing process	Heated at 180°C for 10 minutes
Flame retardant details		See Note 2 Below
Substrate	Generic type	Aluminium extrusion
	Product reference	"Alideck"
	Name of manufacturer	Milwood Group
	Thickness	1.5mm (profile depth 20mm)
	Weight per unit area	1.865kg/m ²
	Colour reference	"Silver"
Flame retardant details		See Note 2 Below
Brief description of manufacturing process		Extruded profile

Note 1: The sponsor was unable to provide this information.

Note 2: The sponsor of the test has confirmed that no flame retardant additives were utilised in the production of the product.

3. Test reports & test results in support of classification.

3.1 Test reports.

Name of Laboratory	Name of sponsor	Test reports/extended application report Nos.	Test method / extended application rules & date
warringtonfire	Canoports UK Ltd T/A Milwood Group	WF 418172	EN ISO 1716
		WF 418524	EN ISO 1716 (Summary report)
		WF 423486	EN ISO 9239-1

3.2 Test results

Test method & test number	Parameter	No. tests	Results	
			Continuous parameter - mean (m)	Compliance parameters
EN ISO 9239-1	Critical flux	3	$\geq 11.0 \text{ kW/m}^2$	Compliant
	Smoke		3.61 %min	Compliant
EN ISO 1716	Coating - PCS (b)	3	1.3685 MJ/m ²	Compliant
	Aluminium - PCS (a)	Deemed to satisfy (0.00)		Compliant
	For the product as a whole PCS (d)	Summary result	0.7022MJ/Kg	Compliant

4. Classification and field of application

4.1 Reference of classification

This classification has been carried out in accordance with clause 9 of EN 13501-1:2018.

4.2 Classification

The product, (Alideck "PD712895MRT.90 - Beige Metallic Speckle") a coated aluminium decking board, in relation to its reaction to fire behaviour is classified:

A2_{FL}

The additional classification in relation to smoke production is:

s1

The format of the reaction to fire classification for floorings is:

Fire Behaviour		Smoke Production	
A2 _{FL}	-	s	1

i.e. A2_{FL} – s1

Reaction to fire classification: A2_{FL} – s1

4.3 Field of application

This classification is valid for the following end use applications:

- i) Floorcovering applications

This classification is also valid for the following product parameters:

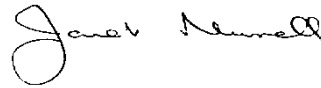
Product thickness	No variation allowed
Product weight per unit area	No variation allowed
Coating application rate	No variation allowed
Coating thickness	No variation allowed
Coating composition	No variation allowed
Product construction	No variation allowed

5. Limitations

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

SIGNED

APPROVED

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Matthew Dale
 Principal Certification Engineer
 Technical Department

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Janet Murrell
 Technical Manager
 Technical Department
 on behalf of **warringtonfire**

Issue No : 2	Issue Date: 14 th February 2020
Revised By: M Dale	Approved By: J Murrell
Reason for Revision: This document replaces Issue 1 (dated 4 th February 2020) of the same number which has been withdrawn. The ISO 1716 test data and references have been corrected and the address of the sponsor has been corrected.	

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