

Title:

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

Notified Body No:

0833

Product Name:

"Alideck"
("QD9128985MRT.90 - Grey Sparkle Speckle
Textured")

Report No:

WF 423539

Issue No:

2

Prepared for:

Canoports UK Ltd
T/A Milwood Group
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ME1 3QX

Date:

4th February 2020

1. Introduction

This classification report defines the classification assigned to "Alideck" ("QD9128985MRT.90 - Grey Sparkle Speckle Textured"), 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" ("QD9128985MRT.90 - Grey Sparkle Speckle Textured"), is defined as being suitable for floorcovering applications.

2.2 Product description

The product, "Alideck" ("QD9128985MRT.90 - Grey Sparkle Speckle Textured"), 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) 21.56mm (determined by Warringtonfire)
Profile weight per unit area		12.92kg/m ² (determined by Warringtonfire)
Coating	Generic type	Polyester powder coating
	Product reference	"QD9128985MRT.90"
	Name of manufacturer	Sherwin Williams Syntha Pulvin
	Colour reference	"Grey Sparkle Speckle Textured"
	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 thickness 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 418174	EN ISO 1716
		WF 418525	EN ISO 1716 (Summary report)
		WF 423487	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		9.16 %min	Compliant
EN ISO 1716	Coating - PCS (b)	3	1.3879 MJ/m ²	Compliant
	Aluminium - PCS (a)	Deemed to satisfy (0.00)		Compliant
	For the product as a whole PCS (d)	Summary result	0.7121 MJ/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" ("QD9128985MRT.90 - Grey Sparkle Speckle Textured") 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

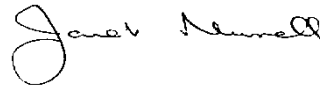
This document does not represent type approval or certification of the product.

SIGNED



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Matthew Dale
Principal Certification Engineer
Technical Department

APPROVED



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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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