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Classification report

Nr. 220974-K1

issued 29.11.2022

Applicant: Camino Contractors Ltd.
1045A London Road, Thornton Heath
London
United Kingdom, CR7 6JF

Order: Classification of the burning behaviour according to
DIN EN 13501-1 (2019-05)

Date of order: 09.09.2022

Notification number of the test laboratory

NB 1378

Designation of the classified building product

Product name: Camino Decking

This classification report lays down the classification of the building product above according to the procedures of DIN EN 13501-1.



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This classification report is a translation of the German version 220974-K1 (issued 29.11.2022). In case of doubt only the German version is valid.

This classification report contains 5 pages.

1. Description of the material

1.1 Details of the customer:

Product name: Camino Decking

Face to be tested: Coated side of the test specimens

Sample / Material Description:

- a) Aluminium decking board and cap
- b) Wall – thickness – 1.5 mm
- c) Profile detail (including cap) – 144 mm x 16 mm
- d) Profil weight per unit area – 1.54 kg/m
- e) Colour – RAL7016 Anthracite Grey
- f) Application thickness of paint 120 g/m²
- g) Coating – PPC powder Coating
- h) Number of coats – one
- i) Alloy – EN AW 6060
- j) Hardness T66 – HW 12-15
- k) Name of manufacturer – Camino Contractors Ltd
- l) Brief description - aluminium extrusion and powder coating

Intended end use of product: Aluminium decking for balconies, walkways, roof terraces

1.2.1 Radiant Panel Test according to DIN EN ISO 9239-1:

Material: Coated aluminium planks with aluminium substructure

Sample	Material:	Colour	Total thickness [mm]	Total surface weight: [kg/m ²]
1-3	Camino Decking	black	ca. 1,7-17	11,13

Specimen dimension: 1050mm x 230mm x thickness(mm)

Test arrangement: Lacquered surface to the burner or radiator
Aluminium planks with longitudinal joints

1.2.2 Production and pretreatment of the samples for the tests according to DIN EN ISO 9239-1

The samples were provided in the necessary sample dimensions by the manufacturer and were delivered for the tests.

The samples were conditioned for more than 48 h to constant mass according to DIN EN 13238 prior to the testing.

1.2.3 Production and pre-treatment of the samples for the tests according to DIN EN 1716

The sample selection was carried out by the client. On the part of Warringtonfire, Frankfurt, there is no check with regard to the sample selection and the conformity of the requirements according to the listed test methods according to page 1.

Material crushed (homogenized) after prior drying.

The samples were conditioned for more than 48 h to constant mass according to DIN EN 13238 prior to the testing.

2. Test reports and test results

2.1 Test reports

Name of test laboratory	Customer	Report to form the basis	Test procedure
Warringtonfire Frankfurt GmbH	Camino Contractors Ltd.	220974	DIN EN ISO 9239-1 (Radiant Panel) DIN EN ISO 1716 (Determination of gross heat of combustion)

2.2 Test results:

Test procedures	Parameter / classes	Test results
		average
DIN EN ISO 9239-1	Critical heat flux $\geq 8,0 \text{ KW/m}^2$ for class A2 _{fl}	10,9
	smoke $\leq 750 \%$ min for s1 s2 = not s1	39,7
DIN EN ISO 1716	PCS $\leq 3,0 \text{ MJ/kg}^a$ for Class A2 PCS $\leq 4,0 \text{ MJ/m}^{2b}$ for Class A2 PCS $\leq 4,0 \text{ MJ/m}^{2d}$ for Class A2 PCS $\leq 3,0 \text{ MJ/kg}^e$ for Class A2	0,0000 MJ/kg for a 18,2042 MJ/kg = 2,1845 MJ/m² for b 0,1948 MJ/kg for e Total heat combustion: 0,1948 MJ/kg

Explanations of table standing too above:

a: for homogenous products and substantial contents of inhomogeneous products

b: for every outer not substantial content from not homogenies products.

d: for every inner not substantial content from not homogenies products

e: for the complete product

3 Classification and range of application

3.1 Reference

The classification was carried out according to the chapter 11 of DIN EN 13501-1.

3.2 Classification

The tested material is ranked into the class A_{fl} related to its behavior in case of fire and the calorific Value.

Concerning the smoke development the tested material is ranked into the class **s1**.

The classification of the tested material reads therefore:

A2_{fl} – s1

Area of application

The classification is only valid for the in chapter one described building product in the use as floor decking system, in the tested colour, thickness and surface weight.

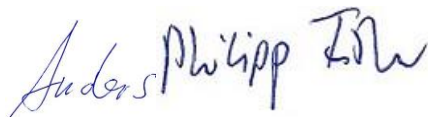
4 Reservation

This classification report replaces not a possible required type admittance or type certification of the product.

5 Decision rule and measurement uncertainty

In determining the results, the normative test conditions and limits are not adjusted to account for uncertainties in measurement. The determined measurement uncertainties are not combined with the measured results to evaluate compliance with the product specifications.

Frankfurt, the 29.11.2022



H. Anders / P. Fischer
Tester in charge



P. Scheinkönig
Technical Lab Leader construction product regulations

