

Reaction to fire classification report

Issuing laboratory: Warringtonfire Testing and Certification Limited

Classification standard: EN 13501-1: 2018

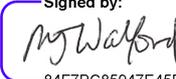
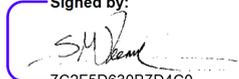
Sponsor(s): Dura Composites Ltd

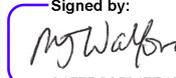
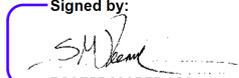
Product(s): "Quickspan Decking" and "Positive Drain Decking"

Report number: 555727

Version: 2

Quality management

Version	Date	Summary of amendments including reasons	
1	19 January 2026	Description	Initial issue
			Prepared by
		Name	Michael Walford
		Signature	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Signed by:</p>  <p>84F7BC85947E45F...</p> </div> <div style="width: 45%;"> <p>Signed by:</p>  <p>7C2F5D630B7D4C0...</p> </div> </div>
*Signed for and on behalf of Warringtonfire Testing and Certification Limited			

Version	Date	Summary of amendments including reasons	
2	30 January 2026	Description	This document replaces Issue 1 dated 19 January 2026 of the same number which has been withdrawn. Update has been made to reflect the up-issue of test reports following a request by the sponsor for correction to a product reference in Table 2
			Prepared by
		Name	Michael Walford
		Signature	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Signed by:</p>  <p>84F7BC85947E45F...</p> </div> <div style="width: 45%;"> <p>Signed by:</p>  <p>7C2F5D630B7D4C0...</p> </div> </div>
*Signed for and on behalf of Warringtonfire Testing and Certification Limited			

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1. Introduction

This classification report defines the classification assigned to "Quickspan Decking" and "Positive Drain Decking", in line with the procedures given in EN 13501-1: 2018.

Warringtonfire Testing and Certification Limited (Warringtonfire) issued the classification report at the request of the sponsor listed in Table 1.

Table 1 Sponsor details

Entity	Address
Sponsor	
Dura Composites Ltd	Dura House, Telford Road, Clacton-On-Sea, Essex, CO15 4LP, United Kingdom

2. Details of classified product

2.1 General

The product(s), "Quickspan Decking" and "Positive Drain Decking", are defined as being suitable for construction applications excluding floorings and linear pipe thermal insulation.

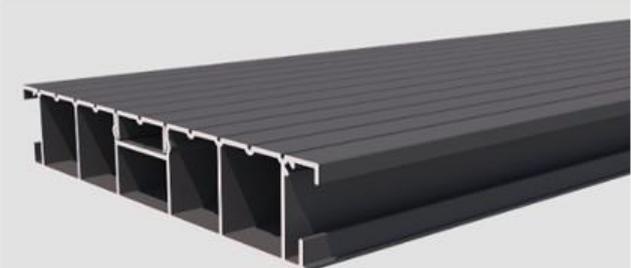
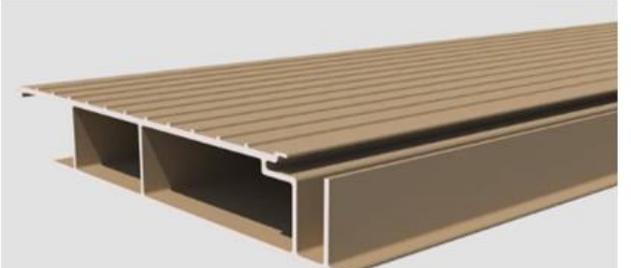
2.2 Product description

The product(s), "Quickspan Decking" and "Positive Drain Decking", are described in Table 2 and in the test reports listed in Section 3.1.

Table 2 Product description

Item	Detail
General description	Powder coated aluminium decking
Product reference	"Quickspan Decking" and "Positive Drain Decking"
Name of manufacturer	Dura Composites Ltd
Overall thickness of frame	40mm (stated by sponsor) 43.41mm (Average determined by Warringtonfire)
Overall thickness with frame and pedestal	58.42 (18mm) & 67.37mm (27mm) (Average determined by Warringtonfire)
Overall thickness (profiled decking board)	18 & 27mm (stated by sponsor) 18.35 & 27.17mm (Average determined by Warringtonfire)
Wall thickness	2 ± 1mm (stated by sponsor)
Overall weight per unit area with frame and pedestal	15.26 & 17.02kg/m ² (Average determined by Warringtonfire)
Width of panel	150mm (stated by sponsor)

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Item	Detail
Diagram of profile for 18mm Quickspan Decking	
Diagram of profile for 27mm Quickspan Decking	
Diagram of profile for 27mm Positive Drain Decking	

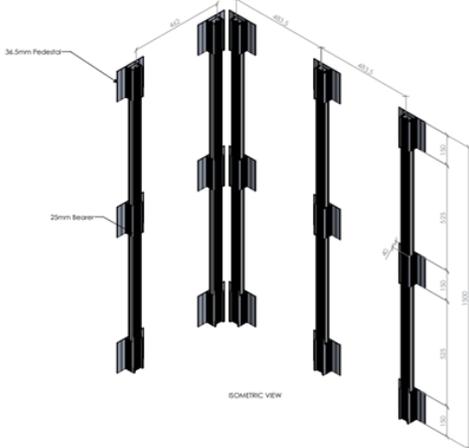
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Item		Detail	
Powder coated decking	Coating	Generic type	Polyester powder coating
		Product reference	"Interpon D Series"
		Name of manufacturer	AkzoNobel Powder Coatings
		Colour (as tested)	Black, Red and White
		Colour reference (as tested)	"RAL 9005", "RAL 3020" and "RAL 9010"
		Number of coats	One
		Thickness	80 ± 10 microns
		Application rate	0.084 – 0.153 kg/m ²
		Density	1.45 ± 0.25 g/cm ³
		Application method	Electrostatically applied
		Curing process	Heated to 200°C for 18 minutes
		Flame retardant details	See Note 1 below
	Aluminium	Generic type	Aluminium
		Product reference	"Aluminium Decking"
		Name of manufacturer	Dura Composites Ltd
		Wall thickness	2 ± 1mm
		Thickness (Profiled decking board)	18 & 27mm
	Weight per unit area		10.84 & 12.09 kg/m ² (Quickspan decking) 13.279 kg/m ² (Positive drain decking)
	Flame retardant details		Component is inherently fire retardant
	Brief description of manufacturing process		Extruded profiles powder coated
Mounting and fixing details		A 40mm ventilated cavity was situated between the reverse face of the specimens and the fibre cement board substrate as defined in EN 13238: 2010. The 40mm ventilated cavity was created using a frame as described below.	

Continued on next page

Item		Detail	
Framework to the reverse of the samples	Coating	Generic type	Polyester powder coating
		Product reference	"Interpon D Series"
		Name of manufacturer	AkzoNobel Powder Coatings
		Colour	Anthracite
		Colour reference	"RAL 7043"
		Number of coats	One
		Thickness	80 ± 10 microns
		Application rate	101 ± 11 g/m ²
		Density	1.3 ± 0.3 g/cm ³
		Application method	Electrostatically applied
		Curing process	Heated to 180°C
		Flame retardant details	See Note 1 below
	Frame	Generic type	Aluminium
		Product reference	"Aluminium Pedestal and Bearer"
		Name of manufacturer	Dura Composites Ltd
		Wall thickness	2 ± 1mm
		Overall height	40mm
		Weight per pedestal	0.28kg
		Weight per unit length of bearer	0.93 kg/m
		Weight per frame (including pedestal and bearer)	11.175kg
Flame retardant details	Component is inherently flame retardant		

Continued on next page

Item	Detail
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Framework to the reverse of the samples (continued)</p>	<p>Diagram of frame assembly</p>  <p>34.5mm Pedestal</p> <p>25mm Bearer</p> <p>ISOMETRIC VIEW</p>
	<p>Diagram of frame bearer</p> 
	<p>Diagram of frame pedestal</p> 

Item		Detail
Photograph of frame and pedestal (Example)		
Joint details	Joint type	Horizontal
	Position of horizontal joint from the bottom edge of the specimen	500mm
	Depth of joint	18 & 27mm
	Width of joint	6mm (Quickspan decking) Butt joint (Positive drain decking)
	Photograph of joint (Example)	

Note 1: The sponsor of the test has confirmed that no flame retardant additives were utilised in the production of the component.

3. Test reports and test results in support of classification

3.1 Test reports

Table 3 details the test reports that have been used in support of classification.

Table 3 Test reports

Name of laboratory	Name of sponsor(s)	Test report no.	Test date	Test and extended application standard
Warringtonfire	Dura Composites Ltd	555650 (Issue 3)	17 and 25 November 2025	EN 13823: 2020 + A1: 2022
Warringtonfire	Dura Composites Ltd	555651 (Issue 3)	17 November 2025	
Warringtonfire	Dura Composites Ltd	555652 (Issue 3)	17 November 2025	
Warringtonfire	Dura Composites Ltd	555653 (Issue 3)	24 November 2025	
Warringtonfire	Dura Composites Ltd	555656 (Issue 3)	24 November 2025	
Warringtonfire	Dura Composites Ltd	555574	07 and 10 November 2025	EN ISO 1716: 2010
Warringtonfire	Dura Composites Ltd	555575	07 and 10 November 2025	
Warringtonfire	Dura Composites Ltd	555576	07 and 10 November 2025	
Warringtonfire	Dura Composites Ltd	555728 (Issue 2)	-	CEN/TS 15117: 2005 EN 15725: 2023

3.2 Test results

3.2.1 Official test results used for the classification

Table 4 details the test results that have been used in support of classification. The fire performance parameters for class A2 - s1, d0 can be found in Table 8.

Table 4 Test data

Test method Report number	Parameter	Number of tests	Results	
			Continuous parameters	Compliance with parameters
EN 13823: 2020 + A1: 2022 555650 (Issue 3)	FIGRA (THR(t) threshold of 0.2MJ)	3	0	-
	FIGRA (THR(t) threshold of 0.4MJ)		0	-
	THR _{600s} (MJ)		0.0	-
	LFS < edge of specimen		-	Compliant
	SMOGRA (m ² /s ²)		1	-
	TSP _{600s} (m ²)		28	-
	No flaming droplets/particles persisting shorter than 10 s in EN 13823 within 600s		-	Compliant
	No flaming droplets/particles persisting longer than 10 s in EN 13823 within 600s		-	Compliant
EN ISO 1716: 2010 555575	Average gross heat of combustion for (NON)SUBSTANTIAL component (Black coating applied at 0.153 kg/m ²), Q _{PCS} (MJ/m ²)	1 x 3	3.4	-
EN ISO 1716: 2010	Average gross heat of combustion for SUBSTANTIAL component (Aluminium – 10.84 kg/m ²), Q _{PCS} (MJ/kg)	-	0.0	-
EN ISO 1716: 2010 Composite Calculation	Average gross heat of combustion (Worst case calculation – highest rate of worst case colour with lowest weight per unit area of aluminium), Q _{PCS} (MJ/kg)	-	0.3	-

Note: ‘-’ symbol confirms this parameter is not applicable.

3.2.2 Comparative test results used for the worst case determinations

The tables below detail the test data that has been used to determine the worst case for each product parameter.

Table 5 EN 13823

Product name Report number	Parameter	Number of tests	Results	
			Continuous parameters	Compliance with parameters
Project specification; "18mm Quickspan Decking" - Black coating; 555650* (Issue 3)	FIGRA (THR(t) threshold of 0.2MJ)	1	0	-
	FIGRA (THR(t) threshold of 0.4MJ)		0	-
	THR _{600s} (MJ)		0.1	-
	LFS < edge of specimen		-	Compliant
	SMOGRA (m ² /s ²)		0	-
	TSP _{600s} (m ²)		24	-
	No flaming droplets/particles persisting shorter than 10 s in EN 13823 within 600s		-	Compliant
	No flaming droplets/particles persisting longer than 10 s in EN 13823 within 600s		-	Compliant
Project specification; "18mm Quickspan Decking" - Red coating; 555651 (Issue 3)	FIGRA (THR(t) threshold of 0.2MJ)	1	0	-
	FIGRA (THR(t) threshold of 0.4MJ)		0	-
	THR _{600s} (MJ)		0.0	-
	LFS < edge of specimen		-	Compliant
	SMOGRA (m ² /s ²)		0	-
	TSP _{600s} (m ²)		19	-
	No flaming droplets/particles persisting shorter than 10 s in EN 13823 within 600s		-	Compliant
	No flaming droplets/particles persisting longer than 10 s in EN 13823 within 600s		-	Compliant
Project specification; "18mm Quickspan Decking" - White coating; 555652 (Issue 3)	FIGRA (THR(t) threshold of 0.2MJ)	1	0	-
	FIGRA (THR(t) threshold of 0.4MJ)		0	-
	THR _{600s} (MJ)		0.1	-
	LFS < edge of specimen		-	Compliant
	SMOGRA (m ² /s ²)		0	-
	TSP _{600s} (m ²)		25	-
	No flaming droplets/particles persisting shorter than 10 s in EN 13823 within 600s		-	Compliant
	No flaming droplets/particles persisting longer than 10 s in EN 13823 within 600s		-	Compliant

Continued on next page

Product name Report number	Parameter	Number of tests	Results	
			Continuous parameters	Compliance with parameters
Project specification; "27mm Quickspan Decking" - Black coating; 555653 (Issue 3)	FIGRA (THR(t) threshold of 0.2MJ)	1	0	-
	FIGRA (THR(t) threshold of 0.4MJ)		0	-
	THR _{600s} (MJ)		0.0	-
	LFS < edge of specimen		-	Compliant
	SMOGRA (m ² /s ²)		0	-
	TSP _{600s} (m ²)		23	-
	No flaming droplets/particles persisting shorter than 10 s in EN 13823 within 600s		-	Compliant
	No flaming droplets/particles persisting longer than 10 s in EN 13823 within 600s		-	Compliant
Project specification; "27mm Positive Drain Decking" - Black coating; 555656 (Issue 3)	FIGRA (THR(t) threshold of 0.2MJ)	1	0	-
	FIGRA (THR(t) threshold of 0.4MJ)		0	-
	THR _{600s} (MJ)		0.0	-
	LFS < edge of specimen		-	Compliant
	SMOGRA (m ² /s ²)		0	-
	TSP _{600s} (m ²)		9	-
	No flaming droplets/particles persisting shorter than 10 s in EN 13823 within 600s		-	Compliant
	No flaming droplets/particles persisting longer than 10 s in EN 13823 within 600s		-	Compliant
(*) The results of this sample were re-used in the official test report No. 555650 (Issue 3) (as test specimen 1).				

Note: '-' symbol confirms this parameter is not applicable.

Table 6 EN ISO 1716

Product name Report number	Parameter	Number of tests	Results	
			Continuous parameters	Compliance with parameters
Project specification; Red coating; 555574	Gross heat of combustion, Q_{PCS} (MJ/kg)	3	21.2	-
	Gross heat of combustion per unit area at 0.153 kg/m ² for the non substantial component, Q_{PCS} (MJ/m ²)		3.2	-
Project specification; Black coating; 555575*	Gross heat of combustion, Q_{PCS} (MJ/kg)	3	22.4	-
	Gross heat of combustion per unit area at 0.153 kg/m ² for the non substantial component, Q_{PCS} (MJ/m ²)		3.4	-
Project specification; White coating; 555576	Gross heat of combustion, Q_{PCS} (MJ/kg)	3	19.6	-
	Gross heat of combustion per unit area at 0.153 kg/m ² for the non substantial component, Q_{PCS} (MJ/m ²)		3.0	-
(*) The results of this sample were used in the worst case composite calculation, due to this colour coating achieving the worst case result in accordance with EN ISO 1716.				

Note: '-' symbol confirms this parameter is not applicable.

4. Classification and field of application

4.1 Reference of classification

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

4.2 Classification

The product "Quickspan Decking" and "Positive Drain Decking" in relation to its reaction to fire behavior is classified as:

A2

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 applications excluding floorings and linear pipe thermal insulation products is:

Fire behaviour	Smoke production			Flaming droplets		
A2	-	s	1	,	d	0

Alternatively shown:

Reaction to fire classification: A2 - s1, d0

4.3 Field of application

The classification for the product described in Section 2.2 of this report is valid for end-use applications described in Table 7.

Table 7 End-use applications

End use	Description	Origin
Substrate	Any substrate with a density equal to or greater than 1350 kg/m ³ , a minimum thickness of 6 mm and a fire performance of A2-s1, d0 or better (excluding paper faced gypsum plasterboard).	As per EN 13238: 2010, clause 5.3 and EGOLF recommendation 045-2018.
Airgap	Valid for an air gap of 40 mm and more, created by a powder coated frame as described in the product description and below	As per EN 13823: 2020 + A1: 2022, clause 5.2.2.a.

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End use	Description	Origin
Joints	Horizontal joints permitted	N/A
Frame	“RAL 7043” (Anthracite) colour coated aluminium pedestal and bearer, coated at 80 ± 10 micron thickness and a coating density of $1.3 \pm 0.3 \text{ g/cm}^3$ with a bearer weight per unit length of 0.93kg/m as described in the product description	N/A
Orientation	Panels mounted with joints running horizontally along the wall	N/A

This classification is valid for the following product parameters:

- Number of coats of coating: One (No variation allowed)
- Coating thickness: 80 ± 10 microns (No variation allowed)
- Coating density: $1.45 \pm 0.25 \text{ g/cm}^3$ (No variation allowed)
- Coating colour: Any variation allowed
- Coating application method: Electrostatically applied (No variation allowed)
- Coating curing process: Heated to 200°C for 18 minutes (No variation allowed)
- “18mm Quickspace Decking”
 - Profile: As tested (No variation allowed)
 - Aluminium wall thickness: $2 \pm 1\text{mm}$ (No variation allowed)
 - Aluminium thickness (profiled decking board): 18mm (No variation allowed)
 - Aluminium weight per unit area: 10.84 kg/m^2 (No variation allowed)
- 27mm Quickspace Decking
 - Profile: As tested (No variation allowed)
 - Aluminium wall thickness: $2 \pm 1\text{mm}$ (No variation allowed)
 - Aluminium thickness (profiled decking board): 27mm (No variation allowed)
 - Aluminium weight per unit area: 12.09 kg/m^2 (No variation allowed)
- 27mm Positive Drain Decking
 - Profile: As tested (No variation allowed)
 - Aluminium wall thickness: $2 \pm 1\text{mm}$ (No variation allowed)
 - Aluminium thickness (profiled decking board): 27mm (No variation allowed)
 - Aluminium weight per unit area: 13.279 kg/m^2 (No variation allowed)
- Construction: No variation allowed
- Composition: No variation allowed
- Use of flame retardants: No variation allowed

4.4 Fire performance parameters for A2 - s1, d0

All the products described in Section 2.2 and within the field of application defined in Section 4.3 comply with the fire performance parameters shown in Table 8. The test results can be found in Section 3.2.

Table 8 Fire performance parameters for A2 - s1, d0

Test method	Parameter	Continuous parameters	Compliance with parameters
EN 13823: 2020 + A1: 2022	FIGRA (THR(t) threshold of 0.2MJ)	$FIGRA_{0,2MJ} \leq 120 \text{ W/s}$	-
	FIGRA (THR(t) threshold of 0.4MJ)	-	-
	THR _{600s} (MJ)	$THR_{600s} \leq 7,5 \text{ MJ}$	-
	Lateral flame spread to edge of test specimen?	-	LFS < edge of specimen
	SMOGRA (m ² /s ²)	$SMOGRA \leq 30 \text{ m}^2/\text{s}^2$	-
	TSP _{600s} (m ²)	$TSP_{600s} \leq 50 \text{ m}^2$	-
	Fall of flaming droplets/particles < 10s?	-	No flaming droplets/particles persisting shorter than 10 s in EN 13823 within 600s
Fall of flaming droplets/particles > 10s?	-	No flaming droplets/particles persisting longer than 10 s in EN 13823 within 600s	
EN ISO 1716: 2010	Average gross heat of combustion for substantial components of non-homogenous products, Q _{PCS} (MJ/kg)	$PCS \leq 3,0 \text{ MJ/kg}$	-
	Average gross heat of combustion per unit area for any external non-substantial component of non-homogenous products, Q _{PCS} (MJ/m ²)	$PCS \leq 4,0 \text{ MJ/m}^2$	-
	For the product as a whole, (MJ/kg)	$PCS \leq 3,0 \text{ MJ/kg}$	-

Note: '-' symbol confirms this parameter is not applicable.

5. Restrictions

At the time the standard EN 13501-1: 2018 was published, no decision was made about the duration of validity of a classification report.

When this report is used to support UKCA marking under the Construction Products Regulation 2011 (retained EU law EUR 2011/305) as amended by the Construction Products (Amendment etc.) (EU Exit) Regulations 2019 and the Construction Products (Amendment etc.) (EU Exit) Regulations 2020 and/or 'CE+UK(NI)' marking for Northern Ireland under the Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011, the provisions of those regulations prevail over any conflicting provisions in the designated/harmonised standards and technical specifications.

6. Limitations

According to the information mentioned by the sponsor on the technical information sheet there was no harmonised product standard for UKCA or CE+UK(NI) marking available at the time the classification report for the tested material/product was drafted. When such a product standard is published, this report may be submitted again to the laboratory to evaluate the adequacy of the report for UKCA or CE+UK(NI) marking.

The test laboratory played no part in sampling the product for the test, although it holds appropriate references, supplied by the manufacturer, to provide evidence for the traceability of the samples tested.

7. Validity

This document is the original version of this classification report and is written in English. In case of doubt the original version prevails over a translation.

This document is issued subject to Warringtonfire's standard terms and conditions, which are available at: [Terms and Conditions | Element](#).

The classification results relate to the behaviour of a product under the particular conditions of the test(s); they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use, nor can the classification results be extrapolated and applied to other products, or imply suitability for use in configurations not specifically detailed in the classification report. The classification is based on the information available to Warringtonfire at the time of the report. Should conflicting or contradictory evidence become available, Warringtonfire reserves the right to unconditionally withdraw the classification report forthwith upon giving written notice of the same.

Reports are statements of fact prepared in accordance with the referenced version of the standards stated in Section 3 of this report. Test, classification and extended application are based upon the information provided to Warringtonfire. Warringtonfire takes no responsibility for the accuracy or completeness of such information.

The results stated in this classification report apply to the test specimens as received and/or specified in the referenced/supporting test reports. Any differences in composition, production process, thickness, density or colour of the product may significantly affect the performance and will therefore invalidate the application of the test and classification results to the variant product. It is recommended that any proposed variation to the tested configuration or product should be referred to the sponsor. The sponsor should then obtain appropriate documentary evidence of compliance from Warringtonfire or another accredited testing authority. The supplier of the product is responsible for ensuring that the product which is supplied for use is identical to the test specimens that were tested.

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