



Confidential Report

Our Ref: 27/06993A/01/26

Shirley® Technologies Limited. Registered Office: Wira House, West Park Ring Road, Leeds, LS16 6QL.
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Date: 26 January 2026

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Flamentek Ltd

1 Introduction

This classification report defines the classification assigned to Steelcut Quartet / Steelcut Trio - Woven fabric (90% woolworsted, 10% nylon). Treated with a Duraflam® flame retardant formulation by Fabric Flare Solutions Ltd. Ref: 22269 - Kvadrat A/S (as described by the sponsor) in accordance with the procedures given in BS EN 13501-1:2018.

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

Sponsor: Flamentek Ltd

Prepared by: BTTG Testing & Certification Ltd

Product name: Steelcut Quartet / Steelcut Trio - Woven fabric (90% woolworsted, 10% nylon). Treated with a Duraflam® flame retardant formulation by Fabric Flare Solutions Ltd. Ref: 22269 Kvadrat A/S

Classification report no.: 27/06993A/01/26

Issue number: 1

Date of issue: 21 January 2026

This classification report consists of five pages and may only be used or reproduced in its entirety.



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2 Details of classified product

2.1 General

The product, Steelcut Quartet / Steelcut Trio - Woven fabric (90% wool worsted, 10% nylon). Treated with a Duraflam® flame retardant formulation by Fabric Flare Solutions Ltd. Ref: 22269 - Kvadrat A/S, is defined as a type of wallcovering fabric by the client.

2.2 Product description

The product, Steelcut Quartet / Steelcut Trio - Woven fabric (90% wool worsted, 10% nylon). Treated with a Duraflam® flame retardant formulation by Fabric Flare Solutions Ltd. Ref: 22269 - Kvadrat A/S, is described below as:-

Generic Type:	Wallcovering fabric
Thickness:	1-2mm
Weight:	770 g/m ²
Trade name of flame retardant:	Duraflam® flame retardant formulation by Fabric Flare Solutions Ltd
Generic type of flame retardant:	Water based intumescent
Amount of flame retardant:	1 litre to 8m ²

3 Reports and results in support of this classification

3.1 Reports

Name of Laboratory	Name of sponsor	Report reference number	Test method and date Field of application rules and date ^b
BTTG Testing & Certification Ltd	Flamentek Ltd	27/06993/01/26	BS EN ISO 11925-2:2020 BS EN 13823:2020+A1:2022



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3.2 Results

Test method and test number	Parameter	No. Tests (specimens)	Results	
			Continuous parameter – mean (m)	Compliance with Class B, s2, d0 parameters
BS EN ISO 11925-2:2020 (Face Ignition)	FS (mm)	6	<150mm within 60s	Compliant
	Flaming Droplets / particles		No	Compliant
BS EN ISO 11925-2:2020 (Edge Ignition)	FS (mm)	6	<150mm within 60s	Compliant
BS EN 13823:2020+A1:2022	FIGRA _{0.2MJ} (W/s) FIGRA _{0.4MJ} (W/s) THR _{600s} (MJ) LFS to edge (yes or no) SMOGRA (m ² /s ²) TSP _{600s} (m ²) FDP flaming ≤ 10 s (yes or no) FDP flaming > 10 s (yes or no)	3	9.0 9.0 1.4 No 29.0 59.0 No No	Compliant Compliant



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4 Classification and field of application

4.1 Reference of classification

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

4.2 Classification

The product Steelcut Quartet / Steelcut Trio - Woven fabric (90% wool worsted, 10% nylon). Treated with a Duraflam® flame retardant formulation by Fabric Flare Solutions Ltd. Ref: 22269 - Kvadrat A/S, in relation to its reaction to fire behaviour is classified:

B

The additional classification in relation to smoke is:

s2

The additional classification in relation to flaming droplets / particles is:

d0

Fire behaviour		Smoke production			Flaming droplets	
B	-	s	2	-	d	0

Reaction to fire classification: B s2 d0



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4.3 Field of application

This classification is valid for the following product parameters:

Generic Type:	Wallcovering fabric
Thickness:	1-2mm
Weight:	770 g/m ²
Trade name of flame retardant:	Duraflam® flame retardant formulation by Fabric Flare Solutions Ltd
Generic type of flame retardant:	Water based intumescent
Amount of flame retardant:	1 litre to 8m ²

The classification is valid for the following end use applications:

- i) Installations over any substrate with a density of at least 75 % of 870kg/m³, and a fire performance of classes A1 and A2-s1,d0 or better, excluding paper faced gypsum plasterboard.
- ii) Installations where the product is wrapped and stapled (mechanically fixed) over the substrate.

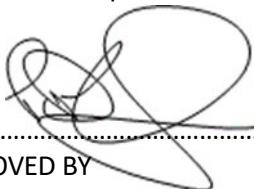
5 Limitations

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

The manufacturer has made a declaration, which is held on file. This confirms that the products design requires no specific processes, procedures or stages (e.g. no addition of flame-retardants, limitation of organic content, or addition of fillers) that are aimed at enhancing the fire performance in order to obtain the classification achieved.

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

Reported by: A Shute
SIGNED BY
A Shute
Senior Fire Technician,

.....
APPROVED BY
P Doherty
Manager


Enquiries concerning this report should be addressed to Customer Services.

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