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Classification Report

Fire classification of construction products and building elements. Classification using data from reaction to fire tests in accordance with BS EN 13501-1: 2018

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Prepared For	D.A.P. Uk sales Ltd Meraki Langton Green Eye, Suffolk IP23 7HL

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Trusted to ensure.

Change History

Issue Date	Revision	Created by	Authorised by	Description of Change
07/08/2026	A	EW	MD	Initial issue

Signatories

	
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*For and on behalf of United Kingdom Testing and Certification.

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1 Introduction

This classification report defines the classification assigned to "SL100 Fire rated sealant", a self-levelling silicone applied to one face of a 10 mm thick fibre cement substrate in accordance with the procedures given in BS EN 13501-1: 2018. Fire classification of construction products and building elements – Part 1: Classification using data from reaction to fire tests.

2 Details of classified product

2.1 General

The test sponsor confirmed that the product is intended to be used as a self-levelling silicone.

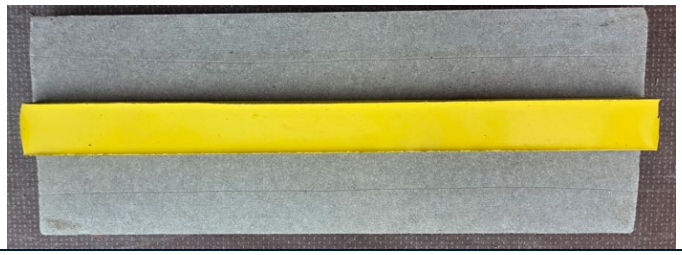
2.2 Product description

The product, "SL100 Fire rated sealant", is described below and in the test reports provided in support of classification listed in § 3.1. Unless stated, the description of the specimens given has been prepared from information provided by the sponsor**.** Unless tolerances are given, all values quoted are nominal.

General Description	A single-component, self-levelling, neutral-cure silicone firestop sealant, applied to the standard fibre cement board substrate (EN 13238: 2010)	
Overall product reference (composite) / Project name	"SL100 Fire rated sealant"	
Overall thickness (in practice)	10 mm	
Overall weight per unit area / density	At 10mm thick 1m² = 13kg per m³	
Sealant	Product reference	"SL100 Fire rated sealant"
	Generic type	Silicone polymer
	Name of manufacturer	Nuco Inc, C/O Dap Uk Sales Limited, Meraki, Langton Green, Eye, Suffolk, IP23 7HL.
	Application depth/thickness	In accordance with EGOLF Agreement 006-2016, the sealant for the ISO 9239-1 test was applied at a thickness of 10mm and a width of 20mm down the centre line of the board and across the width of the board at a distance of 250mm from the burner. For ISO 11925-2, the sealant was applied in a vertical strip up the centre line of the specimen.
	Application rate per coat	At 10mm thick 1m² = 13kg per m³
	Application method	Gun
	Colour reference	Yellow
	Trade name of flame retardant	The sponsor was unwilling to provide this information

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Substrate	Product reference	The sponsor did not provide this information
	Generic type	Fibre cement board (EN 13238: 2010)
	Name of manufacturer / supplier	The sponsor did not provide this information
	Thickness	10 mm
	Density	1800kg/m³
	Flame retardant details	None declared
Bried description of manufacturing process	Sealant gun applied to the substrate	
Image of test specimen	ISO 9239-1  ISO 11925-2 	

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3 Supporting Evidence

3.1 General

The following reports(s) support this family assessment:

	Name of Test Sponsor	Report Reference No.	Relevant Standard(s)
United Kingdom Testing & Certification Limited Cairnmuir House Cairnmuir Road East Kilbride Glasgow G74 4GY	D.A.P UK Sales Ltd Meraki Langton Green Eye Suffolk IP23 7HL	TR20260625-003716-30 Revision A	BS EN ISO 11925-2 : 2026:
BTTG Wira House West Park Ring Road Leeds, LS16 6QL		26/03737/07/26 Revision A	BS EN ISO 9239-1: 2010

3.2 Test results

Test method & test number	Parameter	Number of tests	Report	Results	
				Continuous parameter – mean (m)	Compliance parameter
BS EN ISO 9239-1: 2010	Critical flux (kW/m^2)	3	26/03737/07/26	>11.1	-
	Smoke (% min)			9	-
BS EN ISO 11925-2 : 2026 (30s exposure - surface)	F_s	6	TR2060625-003716-30A	-	Compliant (≤0mm)
	Flaming droplets/ particles			-	Compliant (None)
BS EN ISO 11925-2 : 2026 (30s exposure – edge)	F_s	6		-	Compliant (≤40mm)
	Flaming droplets/ particles			-	Compliant (None)

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4 Classification

4.1 Reference to classification

This classification has been carried out in accordance with BS EN 13501-1: 2018, taking in to account the method of testing sealant materials in accordance with EGOLF Agreement 006-2016.

4.2 Classification

a 10 mm thick self-levelling silicone bonded to one face of a 10 mm thick fibre cement substrate in relation to its reaction to fire behaviour is classified:

Classification in reaction to fire behaviour
B_{FL}

The additional classification in reaction to smoke production is
s1

The format of the reaction to fire classification for flooring applications is:

Fire Behaviour		Smoke Production	
B_{FL}	**-**	**s**	**1**

i.e. B_{FL}-s1

Reaction to Fire Classification
B_{FL}– s1 **This document does not represent type approval or certification of the product**

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4.3 Field of application

This classification is valid for the following product parameters:

Product parameters	Field of application	Reference to rule
Product formulation	No changes permitted	...

This classification is valid for the following end use applications:

Parameter	Field of application
Applications	Flooring applications
Substrate	Any substrate with a minimum density of 1200 kg/m^3 and having a Euroclass rating of A2-s1, d0 or better.

5 Limitations

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

According to the information provided by the sponsor, at the time the classification report for the tested material/product was issued, the product did not fall within the scope of a harmonised designated / product standard for UKCA or CE+UK(NI) marking. 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 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."

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

The test results and classification relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use, nor can the results be extrapolated and applied to other products.

Test and classification reports are based upon the information provided to United Kingdom Testing and Certification. United Kingdom Testing and Certification takes no responsibility for the accuracy or completeness of such information. The results stated in this report apply to the sample as received. 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 results to the variant product. Any variation to the tested configuration or product should be checked with the test sponsor. The test sponsor should then obtain appropriate documentary evidence of compliance from United Kingdom Testing and Certification or another approved testing authority.

The supplier of the product is responsible for ensuring that the product which is supplied for use is identical to the test sample as received. This test report may only be reproduced in full. Extracts or abridgements shall not be published without the express written permission of United Kingdom Testing and Certification.

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