REPORT

Issued by an Accredited Testing Laboratory

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Reference
O100741-1324474-2rev1

Bridgehill AS
Elveveien 34
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Norway

Classification of reaction to fire in accordance with EN 13501-1

1 Introduction

This classification report defines the classification assigned to “BRIDGETECH™ Silicon Dioxide Fabric” in accordance with the procedure given in EN 13501-1:2018.

This report replaces RISE report O100741-1324474-2, dated August 20, 2025. This revision includes a correction of manufacturer address.

2 Details of classified product

2.1 General

The product “BRIDGETECH™ Silicon Dioxide Fabric” is defined as insulation in a fire blanket. Its classification is valid for the following end use application: insulation.

The sample was delivered by the client. RISE, Fire and Safety was not involved in the sampling procedure.

2.2 Product description

The product, “BRIDGETECH™ Silicon Dioxide Fabric”, is fully described below or is fully described in the test reports provided in support of classification listed in Clause 3.1.

According to the client:

Product called “BRIDGETECH™ Silicon Dioxide Fabric”, consisting of Silicon Dioxide Fabric. The product has a nominal area weight of 650 g/m^2 and a nominal thickness of 5 mm. The organic content is 0 %.

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Testing
ISO/IEC 17025

3 Reports and results in support of this classification

3.1 Test reports

Table 1 Test reports forming the basis for this classification.

Name of laboratory	Name of sponsor	Test report reference no	Accredited test methods and date
RISE	Bridgehill AS	O100741-1324474rev1	EN ISO 1716:2010
RISE	Bridgehill AS	O100741-1324474-1rev1	EN ISO 1182:2020

3.2 Test results

Table 2 Test results.

Test method	Parameter	Number of tests	Results	
			Continuous parameter mean (m)	Compliance with parameters
EN ISO 1182		5		
	ΔT (°C)		1	Compliant
	Δm (%)		9	Compliant
	t_f (s)		0	Compliant
EN ISO 1716		3		
	PCS (MJ/kg)*		0.16	Compliant

* : the product is homogeneous

4 Classification and field of application

4.1 Reference of classification

This classification has been carried out in accordance with clause 11 and 15 of EN 13501-1:2018.

4.2 Classification

The product called “BRIDGETECH™ Silicon Dioxide Fabric” in relation to its reaction to fire behaviour is classified:

A1

The format of the reaction to fire classification for construction products excluding floorings and linear pipe thermal insulation product is:

Reaction to fire classification: *A1*

4.3 Field of application:

This classification is valid for the following product parameters:

Product description, as specified in 2.2 in this report

- Nominal organic content 0 %.

5 Limitations

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

RISE Research Institutes of Sweden AB
Fire and safety - Fire dynamics

Performed by

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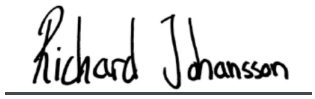

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