

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

1 Introduction

This classification report defines the classification assigned to “Bridgehill Standard Blanket” in accordance with the procedure given in EN 13501-1:2018.

This report replaces RISE report O100352-176905-2, dated October 21, 2021. This revision includes an update of product details.

2 Details of classified product

2.1 General

The product “Bridgehill Standard Blanket” is defined as a fire blanket. Its classification is valid for the following end use application: Fire blanket (non-combustible material).

2.2 Product description

The product, “Bridgehill Standard Blanket”, 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:

Fabric for fire blanket called “Bridgehill Standard Blanket”, consisting of Pyroxene. The product has a nominal area weight of 400 g/m² and a nominal thickness of 0.4 mm.

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	O100352-176905rev1	EN ISO 1182:2010
RISE	Bridgehill AS	O100352-176905-1rev1	EN ISO 1716:2010

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3.2 Test results

Table 2 Test results showing the worst case as found in the test program performed.

Test method	Parameter	Number of tests	Results	
			Continuous parameter mean (m)	Compliance with parameters
EN ISO 1182		6		
	ΔT (°C)		1	Compliant
	Δm (%)		1	Compliant
	t_f (s)		0	Compliant
EN ISO 1716		3		
	PCS (MJ/kg)* (4)		0.3	Compliant

* : the product is homogeneous

(4): the parameter for the product as a whole

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 “Bridgehill Standard Blanket” 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:

Fire Behaviour
A1

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.

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

5 Limitations

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

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