

Bridgehill AS
Postboks 2221
Stubberød
NO-3255 Larvik
Norge

Heat of combustion according to EN-ISO 1716

Product

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.

Manufacturer

Bridgehill AS, Larvik, Norway.

Purpose of test

Basis for technical fire classification.

Conditioning

Temperature (23 ± 2) °C

Relative humidity (50 ± 5) %

Time 1 week

Sampling

The sample was delivered by the client. It is not known to RISE, Materials and Production if the product received is representative of the mean production characteristics.

The sample was received on October 1, 2021 at RISE, Fire Technology.

Water equivalent E

Calorimetric bomb	Water equivalent E (MJ/K)
1	0.0109175
2	0.0109248

Date of test

October 18, 2021.

RISE Research Institutes of Sweden AB

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Test results – EN ISO 1716:2010

Product	Area weight kg/m ²	Gross heat of combustion at constant volume MJ/kg			PCS Average value MJ/kg	Gross heat of combustion at constant volume MJ/m ²
		Test 1	Test 2	Test 3		
Bridgehill Standard Blanket	0.4	0.257	0.277	0.233	0.26	0.10

The test results 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.

The results relate only to the items tested.

This report replaces RISE report O100352-176905-1, dated October 21, 2021.

This revision includes an update of product details.

RISE Research Institutes of Sweden AB
Chemistry and Applied Mechanics- Chemical Product Safety

Performed by

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