

Bellaterra: 19th June, 2017

File: **17/14616-1145 Part 2**

Petitioner's reference: **SIIMCO (SAUDI INTERNATIONAL INSULATION MANUFACTURING COMPANY)**
Petroline 8753, Unit No. 1,
YANBU 46478-2895
(Saudi Arabia)



CLASSIFICATION REPORT

1. - CHARACTERISTICS OF THE PRODUCT

Product's commercial reference: KIMMCO ISOVER COMFORT SA SLAB 40

Mineral stone wool with thickness of 65 mm, density of 40 kg/m³, brown colour and fibrous surface.



Photo nº1: Detail of the signature on the packaging of the samples received to test

Manufacturer: SIIMCO (SAUDI INTERNATIONAL INSULATION MANUFACTURING COMPANY). Address: Petroline 8753, Unit No. 1, YANBU 46478-2895 (Saudi Arabia)

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2. - CLASSIFICATION AND DIRECT APPLICATION FIELD

This classification has been made in compliance with the procedures provided in Standard UNE-EN 13501-1:2007+A1:2010: "Classification in terms of the behaviour to fire of construction products and building elements. Part 1: Classification made from the data gathered during fire reaction tests".

2.1. - Test Reports

Name of Laboratory	APPLUS – LGAI
Name of Petitioner	SIIMCO (SAUDI INTERNATIONAL INSULATION MANUFACTURING COMPANY)
Test Report Number	17/14616-1145 Part 1
Testing method	UNE-EN ISO 1182:2011 UNE-EN ISO 1716:2011

2.2. - Results of the Tests

Test Method	RESULTS			
	CRITERIA CLASS A1	Nº TESTS	AVERAGE	COMPLIANCE
UNE-EN ISO 1182:2011	$\Delta T \leq 30^{\circ}\text{C}$ (for T_f)	5	7.0	YES
	$\Delta m \leq 50\%$		3.35	YES
	$t_f = 0 \text{ s}$		0	YES
UNE-EN ISO 1716:2011	$\text{PCS} \leq 2.0 \text{ MJ/kg}$	3	0.55	YES

CLASSIFICATION

The product, KIMMCO ISOVER COMFORT SA SLAB 40, related to their fire reaction behaviour, is classified as:

Fire Behaviour		Smoke Production		Drops in flames
A1	-	s	-	, d -

Fire Reaction Classification: CLASS A1
This classification is only valid for the final conditions of use described in the present report.

2.3. - Field of application

- This classification is valid for the following product parameters:

The classification is only valid for the product characteristics shown.

- The classification is valid for the following final use applications:

Insulation.

2.4. - Limitations

This classification standard does not represent any type approval neither a product certification

Responsible of the Fire Laboratory
LGAI Technological Center S.A.

Responsible of Reaction to Fire
LGAI Technological Center S.A.

The results refer exclusively to the samples tested at the time and under the conditions indicated.

Applus+ guarantees that this task has been carried out in compliance with the requirements of our Quality and Sustainability System, and furthermore, that the contractual terms and legal regulations have been complied with.

In the framework of our improvement programme, we would appreciate any comments you may deem appropriate. These should be addressed to the manager who signs this document, or to the Quality Director of Applus+, at the following address: satisfaccion.cliente@applus.com
