

Additional classification report Nr 14644A ***Translation of the "Classificatieverslag Nr. 11385E"***

Owner of the classification report

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Introduction

This classification report defines the classification assigned to the products:

ISOMO EPS 60SE 15 – ISOMO FAÇADE 60

**ISOMO EPS 100SE 20 – ISOMO 20 ET – ISOMO FAÇADE –
ISOMOSOL PI 36 Remblais TP**

ISOMO EPS 80SE

ISOMO EPS 120SE

ISOMO EPS 150SE 25 – ISOMO TOIT/25NC – ISOMOSOL L35

ISOMO EPS 200SE 30 – ISOMO 30 – ISOMOSOL L34

in accordance with the procedures given in the standard EN 13501-1 (February 2002) : Fire classification of construction products and building elements part 1 : classification using data from reaction to fire tests.

Registration number of the Notified Body 1173

This classification report consists of 6 pages

1. DETAILS OF CLASSIFIED PRODUCT

a) Nature and end use application

The products :

ISOMO EPS 60SE 15 – ISOMO FAÇADE 60

ISOMO EPS 100SE 20 – ISOMO 20 ET – ISOMO FAÇADE – ISOMOSOL PI 36 Remblais TP

ISOMO EPS 80SE

ISOMO EPS 120SE

ISOMO EPS 150SE 25 – ISOMO TOIT/25NC – ISOMOSOL L35

ISOMO EPS 200SE 30 – ISOMO 30 – ISOMOSOL L34

is defined as a ‘**thermal insulation product**’.

Its classification is valid for the following end use applications :

“Self supporting with a void“.

b) Description

The products:

ISOMO EPS 60SE 15 – ISOMO FAÇADE 60

ISOMO EPS 100SE 20 – ISOMO 20 ET – ISOMO FAÇADE – ISOMOSOL PI 36 Remblais TP

ISOMO EPS 80SE

ISOMO EPS 120SE

ISOMO EPS 150SE 25 – ISOMO TOIT/25NC – ISOMOSOL L35

ISOMO EPS 200SE 30 – ISOMO 30 – ISOMOSOL L34

consists of expanded polystyrene and has a white color. The thicknesses of the products lie between 20 mm and 200 mm.

	Nominal values(*)
ISOMO EPS 60SE 15 – ISOMO FAÇADE 60	
Average volumique mass (kg/m ³)	15
ISOMO EPS 100SE 20 - ISOMO 20 ET – ISOMO FAÇADE – ISOMOSOL PI 36 Remblais TP	
Average volumique mass (kg/m ³)	20
ISOMO EPS 80SE	
Average volumique mass (kg/m ³)	17,5
ISOMO EPS 120SE	
Average volumique mass (kg/m ³)	22,5
ISOMO EPS 150SE 25– ISOMO TOIT/25NC – ISOMOSOL L35	
Average volumique mass (kg/m ³)	25
ISOMO EPS 200SE 30– ISOMO 30 – ISOMOSOL L34	
Average volumique mass (kg/m ³)	30

(*) based on the information of the sponsor.

2. TEST REPORTS AND TEST RESULTS IN SUPPORT OF THE CLASSIFICATION

a) Test reports

Name of the laboratory	Name sponsor	Test report Nr	Test method
Laboratorium voor aanwending van brandstoffen en warmteoverdracht - RUG	ISOMO N.V.	11385A, 11385B, 11385C, 11385D,	EN ISO 11925-2 (February 2002) /FSG Recommendation 012/ FSG N244

b) Test results for construction products except floorings

1) Thickness of 20 mm and a volumic mass of 15 kg/m³: Excluding the evaluation in conformity with the “annex A”

Test method	Parameter	Number of tests	Results			
			Mean parameter		Criteria for Class E	
			Continuous parameter	Compliance parameter	Continuous parameter	Compliance parameter
EN ISO 11925-2 (1) 15s flame application: <u>surface</u> - front side	F _s ≤ 150mm	6	(-)	Yes	(-)	Yes
	No ignition filter paper		(-)	Yes	(-)	Yes
<u>edge</u> - frontside	F _s ≤ 150mm	6	(-)	Yes	(-)	Yes
	No ignition filter paper		(-)	Yes	(-)	Yes

(1) These test results are based on the test results obtained in the test report nr 11385A

2) Thickness of 20 mm and a volumic mass of 30 kg/m³: Excluding the evaluation in conformity with the “annex A”

Test method	Parameter	Number of tests	Results			
			Mean parameter		Criteria for Class E	
			Continuous parameter	Compliance parameter	Continuous parameter	Compliance parameter
EN ISO 11925-2 (2) 15s flame application: <u>surface</u> - front side	F _s ≤ 150mm	6	(-)	Yes	(-)	Yes
	No ignition filter paper		(-)	Yes	(-)	Yes
<u>edge</u> - frontside	F _s ≤ 150mm	6	(-)	Yes	(-)	Yes
	No ignition filter paper		(-)	Yes	(-)	Yes

(2) These test results are based on the test results obtained in the test report nr 11385B

3) Thickness of 200 mm and a volumic mass of 15 kg/m³: Excluding the evaluation in conformity with the “annex A”

Test method	Parameter	Number of tests	Results			
			Mean parameter		Criteria for Class E	
			Continuous parameter	Compliance parameter	Continuous parameter	Compliance parameter
EN ISO 11925-2 (3) 15s flame application: <u>surface</u> - front side	$F_s \leq 150\text{mm}$	6	(-)	Yes	(-)	Yes
	No ignition filter paper		(-)	Yes	(-)	Yes
<u>edge</u> - frontside	$F_s \leq 150\text{mm}$	6	(-)	Yes	(-)	Yes
	No ignition filter paper		(-)	Yes	(-)	Yes

(3) These test results are based on the test results obtained in the test report nr 11385C

4) Thickness of 200 mm and a volumic mass of 30 kg/m³: Excluding the evaluation in conformity with the “annex A”

Test method	Parameter	Number of tests	Results			
			Mean parameter		Criteria for Class E	
			Continuous parameter	Compliance parameter	Continuous parameter	Compliance parameter
EN ISO 11925-2 (4) 15s flame application: <u>surface</u> - front side	$F_s \leq 150\text{mm}$	6	(-)	Yes	(-)	Yes
	No ignition filter paper		(-)	Yes	(-)	Yes
<u>edge</u> - frontside	$F_s \leq 150\text{mm}$	6	(-)	Yes	(-)	Yes
	No ignition filter paper		(-)	Yes	(-)	Yes

(4) These test results are based on the test results obtained in the test report nr 11385D

3. CLASSIFICATION OF THE PRODUCT

a) Reference and direct field of application

This classification has been carried out in accordance with clause 10.3. of EN 13501-1: 2002.

b) Classification

The products :

ISOMO EPS 60SE 15 – ISOMO FAÇADE 60

ISOMO EPS 100SE 20 – ISOMO 20 ET – ISOMO FAÇADE – ISOMOSOL PI 36 Remblais TP

ISOMO EPS 80SE

ISOMO EPS 120SE

ISOMO EPS 150SE 25 – ISOMO TOIT/25NC – ISOMOSOL L35

ISOMO EPS 200SE 30 – ISOMO 30 – ISOMOSOL L34

in relation to its reaction to fire behavior is classified as:

Fire behavior	Additional classification
E	-

The classification assigned to the product in this report is appropriate to a declaration of conformity by the manufacturer within the context of system 1 attestation of conformity and CE marking under the Construction Products Directive, as the sampling was carried out by a notified body.

c) Field of application

This classification applies for the product as described in §1b,

for the following end use conditions :

- With a void
- No fixing

this classification is valid for the following parameter range :



- Nominal Thickness: from 20 mm and all greater thicknesses
- Nominal Densities: between 15 kg/m³ and 30 kg/m³

4. DURATION OF THE VALIDITY

At the time the standard EN 13501-1 (February 2002) was published, no decision was made concerning the duration of validity of the classification document.

5. WARNING

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

Report	Name	Signature*	Date
Prepared by	40. Ing. Frans DUTRIEUE		- 4 OKT. 2010
Reviewed by	Prof. Dr. Ir. Paul VANDEVELDE		- 4 OKT. 2010
*For and on behalf of « Laboratorium voor aanwending der brandstoffen en warmteoverdracht –Ugent Ghent – Belgium			

EN 13501-1 E Eng nr1

The present report constitutes an addition to Classification Report Nr 11385E dated 6/10/2004. It has been drafted in accordance with the regulations of "EN ISO/IEC 17025: 2005 "Application Note : clause 5.10 [5.10/4] – Issue 01 - 2008/04/16 – amendment of test reports : clients changing product / company names (II) – for commercial reasons". The products ISOMO EPS 60SE 15 – ISOMO FAÇADE 60 / ISOMO EPS 100SE 20 – ISOMO 20 ET – ISOMO FAÇADE – ISOMOSOL PI 36 Remblais TP / ISOMO EPS 80SE / ISOMO EPS 120SE / ISOMO EPS 150SE 25 – ISOMO TOIT/25NC – ISOMOSOL L35 / ISOMO EPS 200SE 30 – ISOMO 30 – ISOMOSOL L34 has not been retested. Present additional report does not contain any technical modifications to the original test report.

Both the original and the new denomination of the product and of the company entrusted with marketing the product will be documented and entered in the laboratory's archives.

This report may be used only literally and completely for publications. - For publications of certain texts, in which this report is mentioned, our permission must be obtained in advance.

This document is a translation into English of the classification report Nr. 11385E, originally issued in Dutch. This translated classification report has been issued under the responsibility of and checked by WFRGENT N.V. This translation is issued according to the "Interpretations of the European standard EN ISO/IEC 17025: 2005" which applies to fire test laboratories, as defined in the EGOLF agreement EA 08: 2008.

In case of doubt, the original version in Dutch prevails.