

Classification report Nr 10912B

Translation of the "Classificatieverslag Nr. 10912B"

Owner of the classification report

ISOMO N.V.
Wittestraat 1
B - 8501 KORTRIJK-HEULE
BELGIË

Introduction

This classification report defines the classification assigned to product **Isomo EPS300 SE40** 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 5 pages

1. DETAILS OF CLASSIFIED PRODUCT

a) Nature and end use application

The product **ISOMO EPS300 SE40** 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 product **ISOMO EPS300 SE40** consists of expanded polystyrene and has a white color.

	Nominal values (*)
Thickness (mm)	50
Average volumic mass (kg/m ³)	40

(*) 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.	10912A	EN ISO 11925-2 (February 2002) /FSG Recommendation 012/ FSG N244

b) Test results for construction products except floorings

Including 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: surface - front side	$F_s \leq 150\text{mm}$	6	(-)	Yes	(-)	Yes
	No ignition filter paper		(-)	No	(-)	No
edge - frontside/mid point behind surface	$F_s \leq 150\text{mm}$	6	(-)	Yes	(-)	Yes
	No ignition filter paper		(-)	No	(-)	No
Bottom edge 10 mm from the inside edge of the specimen holder	$F_s \leq 150\text{mm}$	6	(-)	Yes	(-)	Yes
	No ignition filter paper		(-)	No	(-)	No

(1) These test results are based on the test results obtained in the test report nr 10912A

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 product **ISOMO EPS300 SE40** 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: 50 mm
- Nominal Density: 40 kg/m³


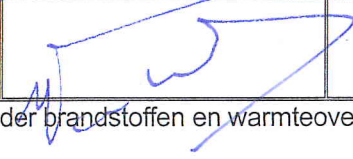
*Laboratorium voor
Aanwending der Brandstoffen en
Warmteoverdracht*

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	Ing. Frans DUTRIEUE		06 FEB. 2004
Reviewed by	Prof. Dr. Ir. Paul VANDEVELDE		06 FEB. 2004
*For and on behalf of « Laboratorium voor aanwending der brandstoffen en warmteoverdracht –Ugent Ghent – Belgium			

EN 13501-1 E Eng nr1