



CLASSIFICATION OF REACTION TO FIRE PERFORMANCE IN ACCORDANCE WITH EN 13501-1: 2007+A1:2009

Sponsor: *SC MAR&PET GRUP SRL, Draganesti, Prahova*

Applicant: *AXA CERT S.R.L, Tancabesti Ilfov, Romania, RO 27367700*

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Notified body №: *1871*

Product name: *PVC windows, equipped with double thermal insulating glass,
profiles REHAU EURO 70 series*

Classification report №: *1871-CPR-RtF-267*

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1 Introduction

This classification report defines the classification assigned to *PVC windows, equipped with double thermal insulating glass, profiles REHAU EURO 70 series*, in line with the procedures given in EN 13501-1:2007+A1:2009

2 Details of classified product

2.1 General

The product, *PVC windows, equipped with double thermal insulating glass, profiles REHAU EURO 70 series*, is defined as building component for closing an opening in a wall or pitched roof that will admit light and may provide ventilation.

2.2 Product description

The product, *PVC windows, equipped with double thermal insulating glass, profiles REHAU EURO 70 series* is described below and in the test reports provided in support of classification listed in clause 3.1.

Product description:

Sample type	Window with two leaves, oscilo-folding / fixed
Profiles	Manufacturer: REHAU Series: EURO DESIGN 70
Profile code	Frame: 550845-315 Fixed mullion: 550633-315 Leaf: 550855-315 Stulp: 550775-715 Rod: 550110
Profiles reinforcement/thickness	Heel: 245536-001 Fixed pillar: 245536-001 Cross: 245536-001 Leaf: 244506-001
Seals	Material: EPDM
Hinges	Type: WINDOW number 2
Hardware	GU, ROTO



3 Test reports and test results in support of classification .

3.1 Test reports

Name of Laboratory	Name of sponsor	Test reports	Test method / extended application rules & date
CONSTRUCTION PRODUCTS TESTING LABORATORY CTEC LTD Stara Zagora, Bulgaria	SC MAR&PET GRUP SRL, Draganesti, Prahova	1420014/30.01.2018	BDS EN ISO 11925-2:2010
CONSTRUCTION PRODUCTS TESTING LABORATORY CTEC LTD Stara Zagora, Bulgaria	SC MAR&PET GRUP SRL, Draganesti, Prahova	1420013/30.01.2018	BDS EN 13823:2010+A1:2015

3.2 Test results

Test method and test number	Parameter	No. tests	Results	
			Continuous parameter - mean (m)	Compliance with parameters
BDS EN ISO 11925-2:2010 (30s exposure surface)	F _s	6	Nil	Compliant
	flaming droplets/particles		None	
BDS EN 13823:2010+A1:2015	FIGRA _{0.2MJ}	3	20.4	Compliant
	LFS		(-)	
	THR _{600s}		2.2	
	SMOGRA TSP _{600s}		21.4 171.8	Compliant
	flaming droplets/particles		No	Compliant

4 Classification and field of application

4.1 Reference of classification

This classification has been carried out in accordance with EN 13501-1:2007+A1:2009.



4.2 Classification

The product, *PVC windows, equipped with double thermal insulating glass, profiles system REHAU EURO 70 series*, in relation to its reaction to fire behaviour is classified:

B

The additional classification in relation to smoke production is:

s2

The additional classification in relation to flaming droplets / particles is:

d0

The format of the reaction to fire classification for construction products excluding floorings and products for thermal insulation of pipes is:

Fire Behaviour		Smoke Production			Flaming Droplets	
B	-	s	2	,	d	0

Reaction to fire classification: *B – s2, d0*



4.3 Field of application

This classification is valid for the product's parameters described in p.2.2

5 Limitations

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

The test laboratory has, therefore, played no part in sampling the product for the test, although it holds appropriate references to the manufacturer's factory production control that is claimed to be relevant to the samples tested and that will provide for their traceability

SIGNED:

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APPROVED:



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Hristina Angelova
Head of laboratory

on behalf of:
CTEC LTD

