

# **REACTION TO FIRE CLASSIFICATION REPORT**

## **No. RA13-0333**

### **ACCORDING TO THE EUROPEAN STANDARD**

### **NF EN 13501-1+A1:2013**

Provided the Ordinance from the Ministry of the interior, November 21, 2002.  
Pilot laboratory approved by the Ministry of the Interior (Ordinance of February 5, 1959, amended)  
Seule la version française fait foi.  
Only the French version is legally acceptable.

**ETA Guide no. 034:2012 "Kits for external wall claddings"**

**Owner:** **ALCOA ARCHITECTURAL PRODUCTS S.A.S.**  
**1 rue du Ballon**  
**68500 MERXHEIM**  
**FRANCE**

**Commercial brand(s):** **REYNOBOND® 55 PE**  
**(cassette system)**

**Brief description:** **Composite panel with polyethylene core covered on both sides**  
**with aluminium sheets**  
(see detailed description in paragraph 2)

**Date of issue:** **December 04<sup>th</sup>, 2014**

The indicated classification does not prejudice the conformity of marketed materials with the samples submitted to the tests and under no circumstances, this document should not be considered as type approval or certification of the product in the sense of the L 115-27 to L 115-33 and R 115-1 to R 115-3 articles of the consumption's code.  
If this report is being issued by e-mail and/or on an electronic medium, only the hard copy of the report signed by CSTB shall prevail in the event of a dispute.  
The reproduction of this classification report is only authorised in its integral form.  
It comprises 4 pages.

**Modification of the document for deletion of the riveted system.**  
**The document RA13-0333 dated December 04<sup>th</sup>, 2014 cancels and replaces the**  
**document RA13-0333 dated January 31<sup>th</sup>, 2014.**

## 1. Introduction

This classification report defines the classification assigned to the above-mentioned product(s) in accordance with the procedures given in the NF EN 13501-1+A1:2013 standard.

## 2. Product description

Composite panel consisting of a low density polyethylene core covered on both sides with a thermally bonded precoated aluminium sheet.

System: cassette.

Finish: Duragloss® 5000 35 µm.

Overall nominal thickness: 4 mm.

Nominal thickness of the aluminium sheets: 0.5 mm.

Overall nominal weight per unit area: 5.5 kg/m².

Colour: white.

## 3. Tests reports and tests results in support of this classification

### 3.1 Tests reports

Name of laboratory	Name of sponsor	Test identification	Test report No.	Test method
CSTB	ALCOA ARCHITECTURAL PRODUCTS S.A.S. 1 rue du Ballon 68500 MERXHEIM FRANCE	ES541140530	Modification file	-
		ES541130463	RA13-0333	EN ISO 11925-2:2002

### 3.2 Tests results

Test method	Product	Number of tests	Parameters	Results
				Compliance parameters
EN ISO 11925-2 15s surface exposure	REYNOBOND® 55 PE	6	Fs > 150 mm Filter paper	Not reached Not ignited
EN ISO 11925-2 15s edge exposure	REYNOBOND® 55 PE	6	Fs > 150 mm Filter paper	Not reached Not ignited

## 4. Classification and direct field of application

### 4.1 Reference of the classification

This classification has been carried out in accordance with clauses 11.3 and 11.10.2 of the NF EN 13501-1+A1:2013 standard.

### 4.2 Classification

Fire behaviour		Smoke production		Flaming droplets or debris
<b>E</b>	-	<b>Not applicable</b>	,	<b>Not applicable</b>

**Classification: E**

### 4.3 Field of application

This classification is valid for the following product parameters:

- The system described in paragraph 2.
- An overall nominal thickness of 4 mm.
- An overall nominal weight per unit area of 5.5 kg/m<sup>2</sup>.
- A 35 µm thick Duragloss® 5000 finish.
- A white colour.

This classification is valid for the following end use conditions:

- Cassette system on metal substructure.
- With a minimum air gap of 20 mm.
- Without insulating material or with any A1 or A2-s1,d0 class mineral wool insulating material.
- Without substrate or with any A1 or A2-s1,d0 class substrate with a density  $\geq 652 \text{ kg/m}^3$ .

## 5. Limitation

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

The classification assigned to the product in this report is appropriate to a declaration of performance by the manufacturer within the context of system 3 attestation of conformity and CE marking under the European Construction Products Regulation (regulation UE no. 305/2011). The test laboratory has, therefore, played no part in sampling the product for the test, although it holds appropriate references, supplied by the manufacturer, to provide for traceability of the samples tested.

Champs-sur-Marne, December 04<sup>th</sup>, 2014

**The Report Writer**



**Benoit FOREST**

**The Head of Reaction to Fire  
Unit**



**Gildas CREACH**

.....END OF THE CLASSIFICATION REPORT