



MEMBER OF



**CIDEMCO-Tecnalia**

Área Anardi, nº 5  
Apartado 134 P.O. Box  
E-20730 Azpeitia (Guipúzcoa) / Spain  
Tel.: +34 943 81 68 00  
Fax: +34 943 81 60 74

[www.cidemco.es](http://www.cidemco.es)  
cidemco@cidemco.es

REPORT NO.: 25422-2-a. Page 1 of 3

## REACTION TO FIRE CLASSIFICATION REPORT

CLIENT: **ALUCOIL, S.A.**  
APPLICANT: **SONIA SANCHEZ**  
ADDRESS: **C/IRCIO S/N PARCELAS  
R 72 - R 77, POL. IND. BAYAS  
09200 MIRANDA DE EBRO (BURGOS)**

MATERIAL TESTED: **COMPOSITE PANEL CONSISTING OF  
TWO ALUMINIUM SHEETS AND A CORE  
OF HONEYCOMB PANEL CONTAINING  
ADHESIVE AND COATING  
REF.: «LARCORE A2»**

PURPOSE OF THE REQUEST: **CLASSIFICATION IN ACCORDANCE WITH  
UNE-EN 13501-1:2007**

DATE OF ISSUE OF REPORT: **22.09.2010**

The classification provided in this report refers only to the material received and submitted to testing at this Research Centre on the dates indicated and is not valid without report no.25422-1-a.

This report consists of three (3) pages and may not be reproduced without the express authorisation of CIDEMCO, unless when done so in full.

Julen Ruiz de Eguino  
Fire Engineering Area Technician  
Architecture and Construction Technology



Izaskun Martínez  
Fire Engineering Area Manager  
Architecture and Construction Technology

## 1.- PURPOSE OF THE REPORT

The purpose of this report is to define the reaction to fire classification obtained by a system consisting of composite panel consisting of two aluminium sheets and a core of honeycomb panel containing adhesive and coating. A tub of adhesive and a tub of coating were also received, referred to as «**INTERCURE 200 + INTERCHAR 404 + INTERTHANE 990**» in accordance with standard UNE EN 13501-1:2007 "Fire classification of construction products and building elements. Part 1: Classification using data from reaction to fire tests"

N.B.: This report constitutes no approval or certification of any kind with regard to the product tested.

## 2.- DESCRIPTION OF THE SAMPLE SUBMITTED FOR CLASSIFICATION

The samples referred as «**LARCORE A2**» composite panel consisting of two aluminium sheets and a core of honeycomb panel containing adhesive and coating

The technical data sheet for this sample is attached in the appendix of report 25422-1-a.

## 3.- REPORT ON WHICH THE CLASSIFICATION IS BASED

ISSUING LABORATORY:	<b>CIDEMCO</b> Bº Lasao, Área Anardi 5 20730 Azpeitia (Guipúzcoa)
SAMPLE TESTED:	<b>COMPOSITE PANEL CONSISTING OF TWO ALUMINIUM SHEETS AND A CORE OF HONEYCOMB PANEL CONTAINING ADHESIVE AND COATING</b>
COMMERCIAL REFERENCE:	« <b>LARCORE A2</b> »
TEST APPLICANT:	<b>ALUCOIL, S.A.</b> C/IRCIO S/N PARCELAS R 72 - R 77, POL. IND. BAYAS 09200 MIRANDA DE EBRO (BURGOS)
TEST REPORT NO.:	25422-1
DATE OF ISSUE:	22 September 2010
TEST PERFORMED:	In accordance with standard UNE-EN 13823:2002 and UNE EN ISO 1716:2002

**TEST RESULTS**

TEST METHOD	PARAMETER	RESULT
UNE-EN 13823:2002	FIGRA <sub>0.2 MJ</sub>	0,00 W/s
	FIGRA <sub>0.4 MJ</sub>	0,00 W/s
	LFS < edge	YES
	THR <sub>600S</sub>	0,604 MJ
	SMOGRA	17,46 m <sup>2</sup> /s <sup>2</sup>
	TSP <sub>600S</sub>	88,84 m <sup>2</sup>
UNE-EN ISO 11925-2:2002	Flaming droplets / particles	NO
	F <sub>s</sub> ≤ 150 mm (in 60 sec.)	YES
	Ignition of filter paper	NO

**4.- CLASSIFICATION**

In accordance with standard EN 13501-1:2002, composite panel consisting of two aluminium sheets and a core of honeycomb panel containing adhesive and coating, referred as «**LARCORE A2**» received at CIDEMCO on 1 June 2010 receive the following classification:

**CLASSIFICATION: A2-s2, d0**