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REACTION TO FIRE CLASSIFICATION REPORT

CUSTOMER: **ALUCOIL, S.A.**

PERSON REQUESTING THE TEST: **UNAI SOLANA**

ADDRESS: **POL. IND. DE BAYAS, C/ IRCIO, PARCELAS R-72/77
09200 MIRANDA DE EBRO (BURGOS)**

MATERIAL TESTED: **COMPOSITE PANEL COMPRISING TWO
EXTERNAL ALUMINIUM SHEETS AND
ONE INTERMEDIATE FIREPROOF SHEET
REF. «LARSON FR»**

PURPOSE OF THE TEST: **CLASSIFICATION IN ACCORDANCE WITH UNE-
EN 13501-1:2002**

DATE REPORT ISSUED: **27.06.2006**

The classification provided in this report only refers to the material received and subjected to testing at this Research Centre on the dates indicated, and is not valid if not accompanied by report No. 13709-1.

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1. PURPOSE OF THE REPORT

The purpose of this report is to define the fire reaction classification obtained by a composite panel of 4 mm in thickness with reference «**LARSON FR**» in accordance with the EN 13501-1:2002 standard *“Fire Classification of construction products and building elements. Part 1: Classification using test data from reaction to fire tests.”*

NOTE: This report does not represent any type of approval or certificate of the product tested.

2. DESCRIPTION OF THE SAMPLE SUBJECT TO CLASSIFICATION

The samples **LARSON FR**» are defined as composite panels comprising two sheets of aluminium and one intermediate fireproof sheet of 4 mm in thickness.

In the annex to the report 13709-1 is attached the technical file of the aforementioned sample.

3. REPORT ON WHICH THE CLASSIFICATION IS BASED

ISSUING LABORATORY:	CIDEMCO Bº Lasao, Área Anardi 5 20730 Azpeitia (Guipúzcoa)
SAMPLE TESTED:	Composite board comprising external aluminium layers and an intermediate fireproof layer
TRADE REFERENCE:	«LARSON FR»
COMPANY REQUESTING THE TEST:	ALUCOIL, S.A. Polígono Industrial de Bayas, c/ Ircio parcelas R-72/77 09200 Miranda de Ebro (Burgos)
TEST REPORT No.:	13709-1
DATE OF ISSUE:	27 th of June 2006
TEST CARRIED OUT:	In accordance with the UNE-EN 13823:2002 and UNE-EN ISO 11925-2:2002 standards.



TEST RESULTS

TEST METHOD	PARAMETER	RESULT
UNE-EN ISO 11925-2:2002	$F_s \leq 150 \text{ nm}$	YES
	Ignition of filter paper	NO
UNE-EN 13823:2002	FIGRA _{0,2 MS}	0,854 w/s
	FIGRA _{0,4 MS}	0,000 w/s
	LFS < edge	YES
	THR _{600S}	0,000 MJ
	SMOGRA	1,238 m ² /s ²
	TSP _{600S}	25,487 m ²
	Drops / particles on flames	NO

4. CLASSIFICATION

In accordance with the EN 13501-1:2002 standard, the «**LARSON FR**» panels received at CIDEMCO on the 3rd of May 2006 receive the following classification:

CLASSIFICATION: B; S1; d0

