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REACTION TO FIRE CLASSIFICATION REPORT

CLIENT: THERMOCORK
APPLICANT: THERMOCORK
ADDRESS: POLÍGONO INDUSTRIAL CALLE F NAVE 9
31592 CINTRUÉNIGO (NAVARRA)

MATERIAL TESTED: MIX OF POLYMERS, CORK AND ADDITIVES
IN AN AQUEOUS SYSTEM
REF. "THERMOCORK INSULATION"

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

DATE OF ISSUE OF REPORT: 04.11.2010

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.19997-1.

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1.- PURPOSE OF THE REPORT

The purpose of this report is to define the reaction to fire classification obtained by the samples of mix of polymers, cork and additives in an aqueous system, referred to as "**THERMOCORK INSULATION**" in accordance with standard 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

2.- DESCRIPTION OF THE SAMPLE SUBMITTED FOR CLASSIFICATION

The samples "**THERMOCORK INSULATION**" are defined as a thermal/acoustic insulation product with a decorative function, being a mix of selected cork particles, with different types of water-based resins, mineral loads, stabilizing agents and various additives.

For use on mortar, metal, wood, PVC, expanded polyethylene, for coating facades, waterproofing roofs of all kinds, providing thermal insulation with its application, decoration of interiors and acoustic adjustment of venues.

The technical data sheet for this sample is attached in the appendix of report 19997-1 M1.

3.- REPORT ON WHICH THE CLASSIFICATION IS BASED

ISSUING LABORATORY:	CIDEMCO Bº Lasao, Área Anardi 5 20730 Azpeitia (Guipúzcoa)
SAMPLE TESTED:	Mix of polymers, cork and additives in an aqueous system
COMMERCIAL REFERENCE:	"THERMOCORK INSULATION"
TEST APPLICANT:	THERMOCORK POLÍGONO INDUSTRIAL CALLE F NAVE 9 31592 CINTRUÉNIGO (NAVARRA)
TEST REPORT NO.:	19997-1 M1.
DATE OF ISSUE:	4 November 2010
TEST PERFORMED:	In accordance with standard UNE-EN 13823:2002 and UNE EN ISO 11925-2:2002

TEST RESULTS

TEST METHOD	PARAMETER	RESULT
UNE-EN 13823:2002	FIGRA _{0.2 MJ}	110.71 W/s
	FIGRA _{0.4 MJ}	78.44 W/s
	LFS < edge	YES
	THR _{600S}	1.72 MJ
	SMOGRA	30.69 m ² /s ²
	TSP _{600S}	153.47 m ²
UNE-EN ISO 11925-2:2002	Flaming droplets / particles	NO
	F _s ≤ 150 mm (in 60 sec.)	YES
	Ignition of filter paper	NO

4.- CLASSIFICATION

In accordance with standard EN 13501-1:2007, the mix of polymers, cork and additives in an aqueous solution, applied to calcium silicate plates, referred to as "THERMOCORK INSULATION" received at CIDEMCO on 29 September 2008 receive the following Reaction to Fire classification:

Reaction to Fire Classification: B-s2, d0