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
cidemco@cidemco.es

ENAC ENSAYOS Nº 34/LE699

.REACTION TO FIRE CLASSIFICATION REPORT

CLIENT:	**VIPEQ HISPANIA**
APPLICANT:	**RAMON MILLAN AND JOSE LUIS VIANA**
ADDRESS:	**POL. MOREA NORTE, C/D Nº 14** **31191 BERIAIN (NAVARRA)**
MATERIAL TESTED:	**SAMPLE CONSISTING OF POLYMERS, CORK AND ADDITIVES IN AN AQUEOUS SYSTEM** **REF.:"VIPEQ INSULATION"**
PURPOSE OF THE REQUEST:	**CLASSIFICATION IN ACCORDANCE WITH UNE-EN 13501-5:2005**

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 20901-1.

Izaskun Muñoz
Fire Safety and Protection
Architecture and construction technology

Izaskun Martínez
Fire Safety and Protection Manager
Architecture and construction technology

1.- PURPOSE OF THE REPORT

The purpose of this report is to define the classification in roof tests relating to the action of samples consisting of polymers, cork and additives in an aqueous system, measuring (1800 x 800 x 10) mm, referred to as **"VIPEQ INSULATION"**, with a test gradient of 15º, in accordance with standard EN 13501-5:2005 *"Fire classification of construction products and building elements. Part 5: Classification using data from external fire exposure to roofs tests".*

2.- DESCRIPTION OF THE SAMPLE SUBMITTED FOR CLASSIFICATION

The sample **"VIPEQINSULATION"** is defined as a thermal/acoustic insulation product with a decorative function. It is a mix of selected cork particles, with different types of water-based resins, mineral loads, stabilizing agents and various additives.

For use on most materials (mortar, metal, wood, PVC, expanded polyethylene, etc.) and is suitable for coating facades, waterproofing roofs of all types, decoration of interiors and acoustic adjustment of venues.

The technical data sheet for this sample is attached in the appendix of report 20901-1.

3.- REPORT ON WHICH THE CLASSIFICATION IS BASED

ISSUING LABORATORY:	**CIDEMCO** Bº Lasao, Área Anardi 5 20730 Azpeitia (Guipúzcoa)
SAMPLE TESTED:	**Mix consisting of polymers, cork and additives in an aqueous system**
COMMERCIAL REFERENCE:	**"VIPEQ INSULATION"**
TEST APPLICANT:	**VIPEQ HISPANIA** POL. MOREA NORTE, C/D Nº 14 31191 BERIAIN (NAVARRA)
TEST REPORT NO.:	20901-1 M1.
DATE OF ISSUE:	4 November 2010
TEST PERFORMED:	In accordance with standard ENV 1187:2003. Method 1.

4.- TEST RESULTS

TEST METHOD	PARAMETER	CRITERIA	RESULT
ENV 1187:2003	Ascending internal fire spread	< 0.700 m	Compliant
	Ascending external fire spread	< 0.700 m	Compliant
	Descending internal fire spread	< 0.600 m	Compliant
	Descending external fire spread	< 0.600 m	Compliant
	Maximum internal length burned	< 0.800 m	Compliant
	Maximum external length burned	< 0.800 m	Compliant
	Drop/incandescent remnants that are released from the exposed surface	None	Compliant
	Flaming or incandescent particles that penetrate the roof	None	Compliant
	A single opening through the sample	< 25 mm^2	Compliant
	Sum of the areas of all of the samples	< 4,500 mm^2	Compliant
	Lateral fire spread	< edges of the area of measurement	Compliant
	Internal incandescent combustion	None	Compliant

5.- CLASSIFICATION

In accordance with standard EN 13501-5:2005, the samples consisting of polymers, cork and additives in an aqueous system, applied to 10 mm calcium silicate plates, referred to as **"VIPEQ INSULATION",** with a test gradient of 15º, received by CIDEMCO on 10 December 2008 receives the Classification on roof tests in relation to the action of external fire:

CLASSIFICATION: $B_{ROOF(t1)}$