

**EUROPEAN REACTION TO FIRE CLASSIFICATION REPORT
IN ACCORDANCE WITH EN 13501-1: 2002**

NOTIFIED BODY : 0071

N° D101293 - CEMAT/4

Sponsor : GIRPI
Rue Robert Ancel – BP36
F-76 700 HARFLEUR
FRANCE

Commercial trademark : HTA PIPPING SYSTEM

Brief description : Pipes and fittings, CPVC based compound;
with solvent cement.

Density : 1,55 g/cm³

Classification : **B s1 d0**

Period of validity : 5 years from the 23rd February 2004

The quoted results are only applicable to the samples, the products or materials described in this document.

Trappes, the 23rd February 2004

**The Head of Fire
Behaviour Division**



Alain SAINRAT



The technical manager



Lionel BUCHERE

**The full document can be copied.
It is composed of 4 pages**

1. INTRODUCTION

This classification report defines the classification assigned to product in accordance with the procedures given in EN 13501-1:2002.

2. DETAILS OF CLASSIFIED PRODUCT

2.1. NATURE AND END USE APPLICATION

Pipes and fittings, CPVC based compound with solvent cement.

End use : Hot and Cold sanitary water distribution and cooling piping systems.

2.2. DESCRIPTION

The tested product referenced are fully described in the test reports referenced D101293 CEMAT/1 and CEMAT/2.

Main characteristics of tested product :

Commercial Trademark	Density	Diameter / thickness	Color
HTA PIPING SYSTEM	1,55 g/cm ³	pipe 110 mm: 8,1 mm socket 110 mm: 10,5 mm pipe 40 mm PN25: 4,5 mm pipe 40 mm PN16: 3,0 mm	Brown

Report to be followed on next page

3. TEST REPORTS AND TEST RESULTS IN SUPPORT OF THIS CLASSIFICATION

3.1. TEST REPORTS

Name of laboratory	Name of sponsor	Test report ref. n°	Test method
LABORATOIRE NATIONAL D'ESSAIS 29 av. Roger Hennequin 78197 TRAPPES Cedex FRANCE Notified Body : 0071	GIRPI Rue Robert Ancel BP36 F-76 700 HARFLEUR FRANCE	D101293 : CEMAT/1 CEMAT/2	EN ISO 11925-2 : 2002. Ignability. EN 13823 :2002 SBI test.

3.2. TEST RESULTS FOR CONSTRUCTION PRODUCTS EXCEPT FLOORINGS

Test Method	Parameter	Number of tests	Results	
			Continous parameters mean m	Compliance parameter
EN ISO 11925-2 :2002. Surface application. 30 s exposure	$F_s \leq 150$ mm	6	—	YES
	Flaming droplets / particules with a filter paper ignition		—	NO
EN 13823 :2002.	FIGRA _{0.2 MJ} (W/s)	3	2	-
	FIGRA _{0.4 MJ} (W/s)		2	-
	LFS < edge		—	YES
	THR _{600s} (MJ)		0,5	-
	SMOGRA (m ² /s ²)		1	-
TSP _{600s} (m ²)	31	-	-	
Flaming droplets / particules:				
FDP (≤10 s)			—	NO
FDP (> 10 s)			—	NO
			—	NO

4. CLASSIFICATION AND DIRECT FIELD APPLICATION

4.1. CLASSIFICATION

The classification has been carried out in accordance with clause 10 of EN 13501-1 : 2002.

Fire behaviour	Smoke production	Flaming droplets
B	s1	d0

4.2. FIELD OF APPLICATION

The classification is valid for the following product parameters :

- all HTA PIPING SYSTEM components with the same CPVC based compound with or without metallic accessories,
- exclusive using solvent cement from HTA PIPING SYSTEM: "RERFIX" reference or equivalent.

5. LIMITATIONS

5.1. RESTRICTIONS CONCERNING THE VALIDITY PERIOD OF THE CLASSIFICATION REPORT

Period of validity : 5 years from the 23rd February 2004.

5.2. WARNING

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