



MEMBER OF



<b>REPORT No.</b>	070333-2-a
<b>CUSTOMER</b>	BASF COATINGS GMBH
<b>CONTACT PERSON</b>	HENRIK WILLEM VETTER
<b>ADDRESS</b>	DONNERSCHWEER STRASSE 372 D-26123 OLDENBURG
<b>PURPOSE</b>	REACTION TO FIRE CLASSIFICATION REPORT ACCORDING TO UNE EN 13501-1:2007+A1:2010
<b>TESTED SAMPLE</b>	FLOORING SYSTEM REF. « <b>MASTERTOP 1273 AS</b> »
<b>DATE OF RECEIPT</b>	16.10.2017
<b>TEST DATE</b>	20.10.2017
<b>DATE OF ISSUE</b>	03.11.2017
<b>DATE OF TRADUCTION</b>	03.11.2017



Pablo Garmendia  
Safety Laboratory

- \* The results of the current report concern only and exclusively the sample tested.
- \* This report shall not be reproduced, except in full, without the express authorisation of FUNDACIÓN TECNALIA R&I.
- \* The validity of this classification report is restricted to the applicable regulation at the time and place of carrying out the final assembly of the product referenced in this report.
- \* In case of lawsuit, the original Spanish version shall be taken as reference.

## 1.- PURPOSE OF THE REPORT

The purpose of this report is to define the reaction to fire classification obtained by the flooring system, for carrying out tests according to standards EN ISO 9239-1:2010 and EN ISO 11925-2:2010, referenced as

### «MASTERTOP 1273 AS»

in accordance with standard UNE EN 13501-1:2007 + A1:2010 *“Fire classification of construction products and building elements. Part 1: Classification using data from reaction to fire tests”*.

NOTE: This report does not imply any approval or certification of the product.

## 2.- DESCRIPTION OF SAMPLE TO BE CLASSIFIED

The flooring system with commercial reference «MASTERTOP 1273 AS » consists of the following layers:

- Substrate:
  - ✓ Reference: Fibrecement
  - ✓ Thickness: 8 mm
  - ✓ Density: 1.85 g/cm<sup>3</sup>
  - ✓ Fire classification: A2<sub>fl</sub>-s1
- Primer:
  - ✓ Reference: MasterTop P 617
  - ✓ Application weight: 0.3 Kg/m<sup>2</sup>
  - ✓ Scratch primer filled 1:0.5 with oven dried silica sand,
- Internal coat:
  - ✓ Copper strips
- Conductive primer:
  - ✓ Reference: MasterTop P 687WAS
  - ✓ Type: Bi-component resin
  - ✓ Application weight: 0,15 kg/m<sup>2</sup>
- Body coat:
  - ✓ Reference: MasterTop BC 372AS
  - ✓ Type: Bi-component resin
  - ✓ Application weight: 2,5 kg/m<sup>2</sup>

The technical datasheet of said sample is included in the annex of the report 070333-1-a.



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

ISSUING LABORATORY	<b>FUNDACIÓN TECNALIA R&amp;I (headquarters Azpeitia)</b> Bº Lasao, Área Anardi 5 20730 Azpeitia (Guipúzcoa)
TESTED SAMPLE:	FLOORING SYSTEM
COMMERCIAL REFERENCE:	« <b>MASTERTOP 1273 AS</b> »
TEST APPLICANT:	BASF COATINGS GMBH DONNERSCHWEER STRASSE 372 D-26123 OLDENBURG
TEST REPORT No.:	070333-1-a
DATE OF ISSUE:	03.11.2017
TESTS CONDUCTED:	According to standards EN ISO 9239-1:2010 and EN ISO 11925-2:2010

## TEST RESULTS

TEST METHOD	PARAMETER	RESULT:
EN ISO 9239-1:2010	Maximum flame-propagation distance (mm)	<b>325.00 mm</b>
	Critical radiant flux, CHF (KW/m <sup>2</sup> )	<b>7.37 kW/m<sup>2</sup></b>
	Smoke development (%min)	<b>500.71 %min</b>
	Maximum light attenuation (%)	<b>0.20 %</b>
EN ISO 11925-2:2010	$F_s \leq 150$ mm (in 60 s)	<b>YES</b>
	Filter paper flaming	<b>NO</b>



(\*) The activities marked with an asterisk are not covered by the ENAC accreditation.

## 4.- CLASSIFICATION

In accordance with standard UNE-EN 13501-1:2007 + A1:2010, the flooring system with commercial reference «**MASTERTOP 1273 AS**» received at FUNDACIÓN TECNALIA R&I on 16 October 2017 gets the following Reaction to Fire classification:

**Reaction to Fire Classification: C<sub>fl</sub>-S1**

This classification is valid when the coating system, included under commercial reference «**MASTERTOP 1273 AS**», is used under the following conditions:

- a) As a construction product in its application as floor coating system.
- b) When the flooring system mentioned in this report is applied on substrate A1 or A2<sub>fl</sub>-s1 (EN 13501-1).
- c) (\*) When the flooring system mentioned in this report is applied in a layer by layer weight with the following characteristics:
  - ✓ Primer coat, MasterTop P 617: For weights of 0.3 Kg/m<sup>2</sup> or less,
  - ✓ Second coat, MasterTop P687WAS: For weights of 0.15 Kg/m<sup>2</sup> or less
  - ✓ Third layer or body Coat, MasterTop BC 372AS: For weights of 2.5 kg/m<sup>2</sup> or less