

REPORT No. 097718-2-a

CUSTOMER	INDUSTRIA ESPAÑOLA PARA EL DESARROLLO E INVESTIGACION, S.A. IEDISA
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PURPOSE	REACTION TO FIRE CLASSIFICATION REPORT ACCORDING TO EN 13501-1:2018
TESTED SAMPLE	PAINT REF.: “GSC EXTERIORES PREMIUM”
RECEPTION DATE	19.01.2022 and 29.03.2022
TEST DATES	09.02.2022 – 21.04.2022
ISSUE DATE	10.05.2022
TRANSLATION DATE	24.05.2022

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1. PURPOSE OF THE REPORT

The purpose of this report is to determine the reaction to fire classification obtained by the white paint with reference “**GSC EXTERIORES PREMIUM**”, as per standard EN 13501-1:2018: “*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 THE SAMPLE SUBJECT TO CLASSIFICATION

The sample with reference “**GSC EXTERIORES PREMIUM**” is defined as a mineral paint. It is a white matte paint which TECNALIA staff applied over laminated gypsum, under the following application characteristics.

- a) Density: 1.43 g/cm³
- b) Performance: 5 m²/l for each coat
- c) Substrate: 12 mm thick gypsum laminate of class A2-s1,d0.
- d) Coats applied: Two coats were applied
- e) Colour: White
- f) Appearance: Matte
- g) Application method: Roller

The technical datasheet of said sample is included in the annex of the report 097718-1.

3. REPORT ON WHICH THE CLASSIFICATION IS BASED

ISSUING LABORATORY:	FUNDACIÓN TECNALIA R&I (Azpeitia location) Bº Lasao, Área Anardi 5 20730 Azpeitia (Gipuzkoa), Spain
TESTED SAMPLE:	MINERAL PAINT
COMMERCIAL REFERENCE:	“ GSC EXTERIORES PREMIUM ”
TEST APPLICANT:	INDUSTRIA ESPAÑOLA PARA EL DESARROLLO E INVESTIGACION, S.A. IEDISA. POL. IND. POLIVISO. C/ HERREROS 8 41520 VISO DEL ALCOR, SEVILLA (SPAIN)
TEST REPORT No.:	097718-1-a
ISSUE DATE:	24.05.2022
TEST CONDUCTED:	As per EN 13823:2020 and EN ISO 1716:2018

TEST RESULTS

TEST METHOD	PARAMETER	RESULT
EN 13823:2020	FIGRA _{0,2 MJ}	0.0 W/s
	FIGRA _{0,4 MJ}	0.0 W/s
	LFS < edge	YES
	THR _{600S}	0.52 MJ
	SMOGRA	0.00 m ² /s ²
	TSP _{600S}	16.01 m ²
EN ISO 1716:2018	Flaming droplets/particles	NO
	HHV	1.96 MJ/kg

4. CLASSIFICATION

In accordance with standard EN 13501-1:2018, the white matte coating or paint, with reference “**GSC EXTERIORES PREMIUM**” received on 19 January and 29 March 2022, is given the following reaction to fire classification:

Reaction to Fire Classification: A2-s1, d0

This classification is valid when the coating referenced as “**GSC EXTERIORES PREMIUM**” is used under the following conditions:

- a) As a construction product in all applications, with the exception of flooring.
- b) When the reference coating is applied to any end-use substrate made up of laminated gypsum boards, as well as to any end-use substrate of classes A1 and A2-s1,d0 (as per EN 13501-1).
- c) (**) When the coating referenced as “**GSC EXTERIORES PREMIUM**” is applied with a performance of 5 m²/l or greater in each coat, with 2 paint coats maximum.

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