



Reaction to Fire Classification (A1)

Declaration of Regulatory Basis and Certification

Gyvlon screeds are calcium sulphate-based materials and are therefore classified as Reaction to Fire Class A1 (no contribution to fire).

This classification is established in accordance with European Commission Decision 96/603/EC, which identifies construction products that are deemed to **satisfy Class A1 performance** without the need for further fire testing.

Official confirmation of this classification is provided within our [UKCA Declaration of Performance](#) and supported by [BBA Agrément Certification](#), both of which are available upon request or via our website.

In response to recent regulatory developments and to ensure continued compliance with current standards, the Anhydritec Group has undertaken additional fire testing of its products. These independent tests reconfirm that Gyvlon screeds achieve **Reaction to fire Classification A1 in accordance with EN 13501-1:2018**.

Relevant certification and test documentation are available below or upon request.



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Minersa Group

European leader in
anhydrite technologies

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TEST RESULTS

TEST METHOD	PARAMETER	RESULT
EN ISO 1182:2010	Furnace thermocouple temperature increase, $T_f (EC)$ (T_f maximum – T_f final)	4.9°C
	Temperature increase in thermocouple at the centre of the sample, $T_c (EC)$ (T_c maximum – T_c final)	3.2 °C
	Temperature increase in thermocouple on the surface of the sample, $T_s (EC)$ (T_s maximum – T_s final)	1.9 °C
	Duration of sustained flaming (seconds)	0
	Mass loss (%)	7.1 %
EN ISO 1716:2018	HHV, higher heating value	-0.50 MJ/kg

A negative result is taken as zero.

4. CLASSIFICATION

In accordance with standard EN 13501-1:2018, the anhydrite mortar referenced as **“SCREED MATERIAL EN 13813”** received on 02 August 2022 was given the following reaction to fire classification:

Reaction to Fire Classification: A1

- a) This classification is valid for the product referenced as **“SCREED MATERIAL EN 13813”** in all its applications, thus independent of the end use.



REPORT No. 102317-2-a

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ADDRESS	635 AVENUE LOUIS BOUDIN 84800 ISLE SUR LA SORGUE – FRANCE
PURPOSE	REACTION TO FIRE CLASSIFICATION REPORT ACCORDING TO EN 13501-1:2018
TESTED SAMPLE	SCREED MATERIAL REF. "SCREED MATERIAL EN 13813"
RECEPTION DATE	02.08.2022
TEST DATES	16.09.2022 – 22.09.2022
ISSUE DATE	04.10.2022
TRANSLATION DATE	19.10.2022

Escuela Social / FUNDACIÓN TECHALLA RESERACH & INNOVATION P. 69 Registro de Fundaciones del Gobierno, 'Asesoría CIP' 0469757637

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Pablo Garmendia
Technical Manager
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