Technical Data

Reaction to Fire
Classification A1

Gyvlon screeds are a Calcium Sulphate based product.
The European Commission Decision 96/603/EC established the list of products belonging to Class A “no contribution to fire”. This classification states an **A1 rating** for our products.

Gypsum unit	Includes blocks and other units of calcium sulphate and water, that may incorporate fibres, fillers, aggregates and other additives, and may be coloured by pigments

Official confirmation can be found on our UKCA & BBA certificates; available from our website or on request.

ANHYDRITEC Minersa Group — UKCA — Gyvlon Screed

Declaration of Performance
BSEN 13454 CAB-30

1.	Unique identification code of the product-type:	*CAB 30*
2.	Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:	*Calcium sulfate based binder for the manufacture of screeds for internal use in buildings.*
3.	Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4)::	*Delivery number: see delivery notice*
4.	System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:	*System 4*
5.	Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):	Anhydritec Ltd, 221 Europa Boulevard, Warrington WA57TN, Tel :(01925 428780) Fax: (01925 428788)
6.	In case of the declaration of performance concerning a construction product covered by a harmonized standard:	According to System 4, the manufacturer carried out the determination of the product-type on the basis of type testing, type calculation, tabulated values, and factory production control.
7.	In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:	*not applicable*
8.	**Declared performance:**	
	Reaction to fire	*A1*
	Release of corrosive substances	*pH ≥ 7*
	Mechanical strength	*CAB 30*
	Life time	
	Calcium sulphate content	*≥ 85 %*
	Mechanical strength	*≥ 30*
	Shrinkage and swelling	*≤ 0,2 mm/m*
	Harmonised technical specification	BSEN 13454:2004
9.	The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 5.	

Signed for and on behalf of the manufacturer by: José Toña Olabe

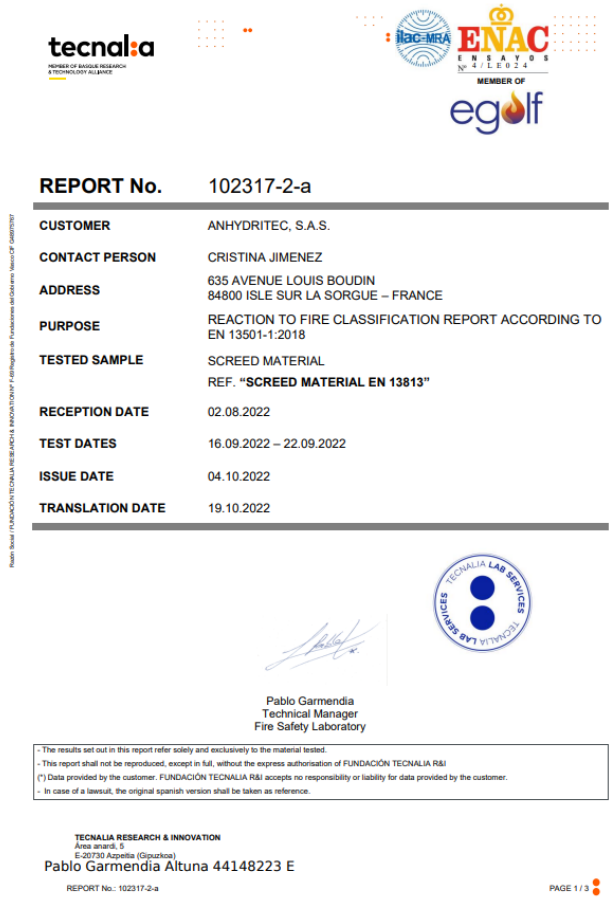
Issued: 03/01/2023

(Signature)
ANHYDRITEC Ltd.
Unit 221, Europa Boulevard,
Westbrook, Warrington WA5 7TN
Tel: +44 (0) 1925 428780

Technical Data

The EC Directive has remained unchanged since 1996 whereas legislation regarding the Fire Regulations has recently changed. To ensure our compliance we; the Anhydritec Group; have undertaken Fire Tests of our material.

The Certificate below shows we achieved a **Reaction to Fire classification of A1 EN 13501-1:2018**



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REPORT No. 102317-2-a

CUSTOMER	ANHYDRITEC, S.A.S.
CONTACT PERSON	CRISTINA JIMENEZ
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

Pablo Garmendia
Technical Manager
Fire Safety Laboratory

- The results set out in this report refer solely and exclusively to the material tested.
- This report shall not be reproduced, except in full, without the express authorisation of FUNDACIÓN TECNALIA R&I
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- In case of a lawsuit, the original spanish version shall be taken as reference.

TECNALIA RESEARCH & INNOVATION
Area anardi, 5
E-20730 Azpeitia (Gipuzkoa)
Pablo Garmendia Altuna 44148223 E

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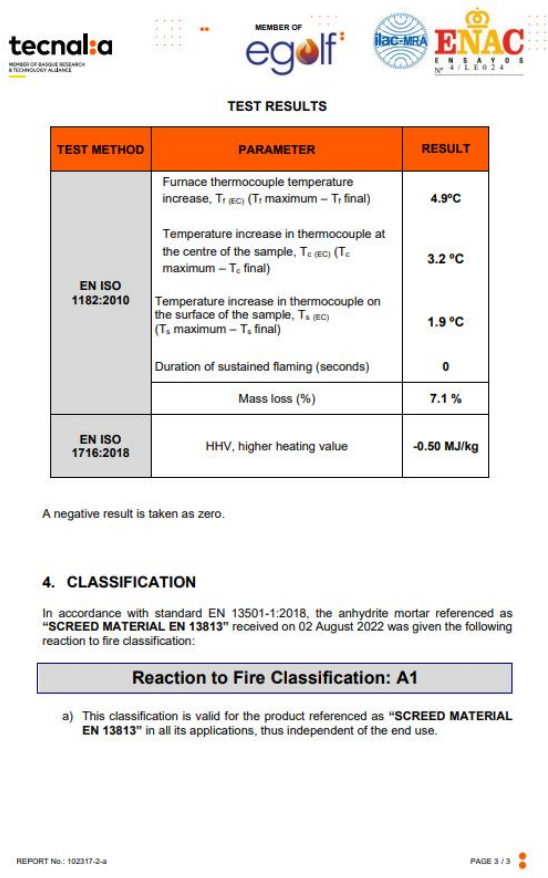

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TEST RESULTS

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.

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ANHYDRITEC
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221, Europa Boulevard,
Warrington WA5 7TN

ANHYDRITEC
Minersa Group