

TEST REPORT

No.: AJFTS26000525R01_EN

Date: Feb 03,2026

Page 1 of 6

BlastBlock BV

Westplein 12-14 3016BM Netherlands

Sample Description : BLASTBLOCK BB830FR

Style/Item No. : /

The above sample(s) data and information was / were submitted and identified on behalf of the client. SGS is not responsible for the authenticity, integrity and results of the data and information and / or the validity of the conclusion arising therefrom. Results apply to the sample as received.

SGS Ref. No. : CZHL2601000700HI

Sample Receiving Date : Jan 21,2026

Testing Period : Jan 21,2026 to Jan 29,2026

Test Required : AS/NZS 1530.3:1999 Methods for fire tests on building materials, components and structures, Part 3: Simultaneous determination of ignitability, flame propagation, heat release and smoke release.

Test result(s) : See attached sheet

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd Anji Branch



Eva Zhang
Approved signatory



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I. Test conducted

This test was performed in accordance with AS/NZS 1530.3:1999 Methods for fire tests on building materials, components and structures, Part 3: Simultaneous determination of ignitability, flame propagation, heat release and smoke release.

II. Sample details

Description	Sheet
Color	Black
Thickness	2.8mm
Area density	5.0 kg/m ²
Specimen size	600mm×450mm
Test surface	Smooth surface

	Temperature (°C)	Humidity (%)
Conditioning	20±2°C	65±5%

Note: The specimens shall be conditioned to constant mass (see ISO 291).

Mounting or fixing method for test sample:

Fibre-reinforced cement board used as substrate, holding the sample and substrate against the specimen support frame by the clamps. No joint in the specimens.

III. Test results
The mean values and standard errors:

Items		Mean value	Standard error
Ignition Time, (min)		NI	NA
Flame propagation time, (s)		NA	NA
Heat release integral, (Kj/m ²)		NA	NA
Optical density, D (m ⁻¹)	Ignition specimen	---	---
	Non-ignition specimen	0.6598	0.0036
Smoke release, Ig D	Ignition specimen	---	---
	Non-ignition specimen	-0.1806	0.0023

Note: NI—Not ignition; NA—Not applicable



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- 1) Where some of the specimens do not ignite, means and standard errors for smoke release shall be reported separately for those specimens that ignite and those that do not ignite. The higher of the two values shall be reported as the smoke released for the material or component. If the higher value applies to a non-ignition case, this fact shall be reported.
- 2) Where not all specimens ignite, indices for smoke developed shall be determined separately for those specimens that ignite and those specimens that do not ignite. The index allotted shall be based on the worst result.

Regulatory Indices:

Items	Regulatory Indices
Ignitability index (Range 0 to 20)	0
Spread of flame index (Range 0 to 10)	0
Heat evolved index (Range 0 to 10)	0
Smoke developed index (Range 0 to 10)	7

Supplementary Observations:

- (a) Number of specimens tested: 6
- (b) The number of specimens that ignite: 0
- (c) Where flashing was encountered, and ignition was based on a 10-second flash: No
- (d) The number of specimens did emit a radiation intensity rise of 1.4kW/m²: 0
- (e) Any observations: Charred
- (f) Others: None



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Table 1 Indices for spread of flame

1.33 x mean flame propagation time, s		Index
≥270		0
≥240	<270	1
≥210	<240	2
≥180	<210	3
≥150	<180	4
≥120	<150	5
≥90	<120	6
≥60	<90	7
≥30	<60	8
≥10	<30	9
	<10	10

Table 2 Indices for heat evolved

Mean value of the integral from the radiation intensity curves Kj/m ²		Index
	<25	0
≥25	<50	1
≥50	<75	2
≥75	<100	3
≥100	<125	4
≥125	<150	5
≥150	<175	6
≥175	<200	7
≥200	<225	8
≥225	<250	9
≥250		10



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Table 3 Indices for smoke developed

Mean optical density, m ⁻¹				Index
Expressed in terms of K*		Expressed numerically		
	<K		<0.0082	0†
≥K	<2K	≥0.0082	<0.0164	1
≥2K	<2 ² K	≥0.0164	<0.0328	2
≥2 ² K	<2 ³ K	≥0.0328	<0.0656	3
≥2 ³ K	<2 ⁴ K	≥0.0656	<0.131	4
≥2 ⁴ K	<2 ⁵ K	≥0.131	<0.262	5
≥2 ⁵ K	<2 ⁶ K	≥0.262	<0.525	6
≥2 ⁶ K	<2 ⁷ K	≥0.525	<1.05	7
≥2 ⁷ K	<2 ⁸ K	≥1.05	<2.10	8
≥2 ⁸ K	<2 ⁹ K	≥2.10	<4.20	9
≥2 ⁹ K		≥4.20		10

* Where K is a constant = 0.0082

† Where doubt exists in the resolving of optical density below 0.016 m^{-1} the index allotted should be '0 to 1'.

Statement:

- 1) The results only apply to the specimen mounted as described in this report.
- 2) The results of this fire test may be used to directly assess fire hazard, but it should be recognized that a single test method will not provide a full assessment of fire hazard under all fire conditions.

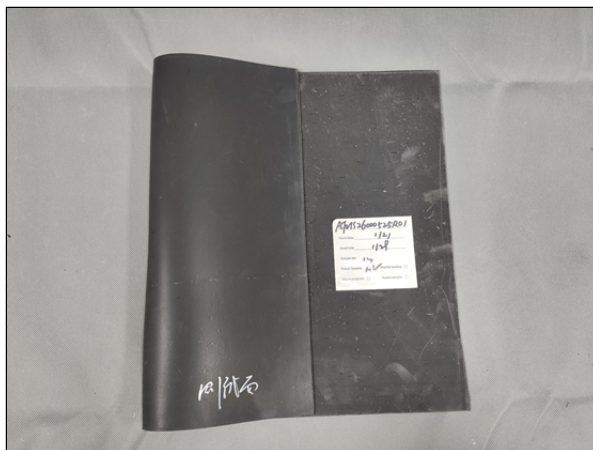


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Photo Appendix:



SGS authenticate the photo on original report only

End of Report



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