SHAOXING VIGOUR DECORATION MATERIAL CO., LTD

ROOM 1606, FLOOR 16, CAIZHI BUILDING NO80, MEILONGHU ROAD, DIDANG YUECHENG DISTRICT, SHAOXING, ZHEJIANG, CHINA

Sample Description	:	WALLPAPER
Style/Item No.	:	MD18001

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.

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SGS Ref. No.	:	AJHL2610008253FT
Sample Receiving Date	:	Oct 21,2026
Testing Period	:	Oct 21,2026 to Nov 12,2026
Test Required	:	EN 13501-1:2018 Fire classification of construction products and building elements—Part 1: Classification using data from reaction to fire tests.
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

Scan to see the report
AJFTS26008844R01
Verification:
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I. Test conducted

This test is conducted as per EN 13501-1:2018 Fire classification of construction products and building elements — Part 1: Classification using data from reaction to fire tests. And the test methods as following:

1. EN 13823:2020+A1:2022 Reaction to fire tests for building products - Building products excluding floorings exposed to the thermal attack by a single burning item.
2. EN ISO 11925-2:2020 Reaction to fire tests — Ignitability of products subjected to direct impingement of flame — Part 2: Single-flame source test.

II. Details of classified product

a) Nature and end use application

The product "Wallpaper" is defined as a decorative sheet. Its classification is valid for the following end use application: Interior decorative wall paper for indoor wall decoration.

b) Description

Description	Wallpaper
Color	White
Sample size	EN 13823: 1500mm×1000mm & 1500mm×495mm EN ISO 11925-2: 250mm×90mm
Mass per unit area	261 g/m^2
Tested (Exposed) surface	Front surface

Mounting and fixing:

Gypsum plasterboard, with its density approximate (800±100) kg/m^3, thickness approximate (12.5±0.5) mm, classification A2-s1, d0, is the substrate. The test specimens are adhered to substrate (prepared by lab), and the adhesive coating density was 150g/m^2. No joint in the long wing of the specimens.

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III. Test results

Test method	Parameter	Number of tests	Results
EN 13823	$FIGRA_{0.2MJ}$ (W/s)	3	0
	$FIGRA_{0.4MJ}$ (W/s)		0
	Whether lateral flame spread (LFS) to the edge of specimen (Yes/No)		No
	THR_{600s} (MJ)		0.2
	SMOGRA (m^2/s^2)		0
	TSP_{600s} (m^2)		0
	Flaming particles or droplets (Yes/No)		No
EN ISO 11925-2 Exposure = 30 s	Whether vertical flame spread (Fs) in excess of 150 mm within 60s (Yes/No)	12	No
	Ignition of the filter paper (Yes/No)		No

IV. Classification and field of application

a) Reference of classification

This classification has been carried out in accordance with **EN 13501-1:2018.**

b) Classification

The product, Wallpaper, in relation to its reaction to fire behaviour is classified:

Fire behaviour		Smoke production			Flaming droplets	
B	—	s	1	,	d	0

Reaction to fire classification: B—s1, d0

Remark: The classes with their corresponding fire performance are given in Annex A.

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c) Field of application

This classification is valid for the following end use applications:

–- With substrates have a density of at least 75 % of the nominal value of the density of standard substrate or at least equal to the lower limit of the tolerance for the density of that standard substrate, whichever is the lower value.

–- With substrates which have a thickness either the same or greater than the nominal value of the thickness of that standard substrate.

–-With substrates classified as classification A1 and A2-s1, d0

–- Adhered to substrate

–- No joint

This classification is valid for the following product parameters:

–- Characteristics as described in section II b) of this test reports.

Statement:

This declaration of conformity is only based on the result of this laboratory activity, the impact of the uncertainty of the results was not included.

The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

Warning:

This classification report does not represent type approval or certification of the product.

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Annex A

Classes of reaction to fire performance for construction products excluding floorings and linear pipe thermal insulation products

Class	Test method(s)	Classification criteria	Additional classification
A1	EN ISO 1182 [a] and	ΔT≤30℃, and Δm≤50%, and t_f=0(i.e. no sustained flaming)	-
	EN ISO 1716	*PCS*≤2.0MJ/kg [a] and *PCS*≤2.0MJ/kg [b c] and *PCS*≤1.4MJ/m² [d] and *PCS*≤2.0MJ/kg [e]	-
A2	EN ISO 1182 [a] or	ΔT≤50℃, and Δm≤50%, and t_f≤20 s	-
	EN ISO 1716 and	*PCS*≤3.0MJ/kg [a] and *PCS*≤4.0MJ/m² [b] and *PCS*≤4.0MJ/m² [d] and *PCS*≤3.0MJ/kg [e]	-
	EN 13823	$FIGRA_{0.2MJ}$≤120W/s and *LFS*＜edge of specimen and THR_{600s}≤7.5MJ	Smoke production [f] and Flaming droplets/particles [g]
B	EN 13823 and	$FIGRA_{0.2MJ}$≤120W/s and *LFS*＜edge of specimen and THR_{600s}≤7.5MJ	Smoke production [f] and Flaming droplets/particles [g]
	EN ISO 11925-2 [i] Exposure =30s	*F*s≤150mm within 60s	
C	EN 13823 and	$FIGR_{0.4MJ}$ *A*≤250W/s and *LFS*＜edge of specimen and THR_{600s}≤15MJ	Smoke production [f] and Flaming droplets/particles [g]
	EN ISO 11925-2 [i] Exposure=30s	*F*s≤150mm within 60 s	
D	EN 13823 and	$FIGRA_{0.4MJ}$≤750W/s	Smoke production [f] and Flaming droplets/particles [g]
	EN ISO 11925-2 [i] Exposure=30s	*F*s≤150mm within 60 s	
E	EN ISO 11925-2 [i] Exposure =15s	*F*s≤150mm within 20 s	flaming droplets/particles [h]
F	EN ISO 11925-2[i] Exposure = 15 s	*F*s＞150mm within 20 s	

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[a] For homogeneous products and substantial components of non-homogeneous products.
[b] For any external non-substantial component of non-homogeneous products.
[c] Alternatively, any external non-substantial component having a PCS ≤ 2,0 MJ/m^2 , provided that the product satisfies the following criteria of EN 13823: FIGRA ≤ 20 W/s, and LFS < edge of specimen, and THR_{600s} ≤ 4,0 MJ, and s1, and d0.
[d] For any internal non-substantial component of non-homogeneous products.
[e] For the product as a whole.
[f] s1 = SMOGRA ≤ 30m^2/s^2 and TSP_{600s} ≤ 50m^2 ; s2 = SMOGRA ≤ 180m^2/s^2 and TSP_{600s} ≤ 200m^2; s3 = not s1 or s2
[g] d0 = No flaming droplets/ particles in EN 13823 within 600 s;
d1 = no flaming droplets/ particles persisting longer than 10 s in EN 13823 within 600 s;
d2 = not d0 or d1.
Ignition of the paper in EN ISO 11925-2 results in a d2 classification.
[h] Pass = no ignition of the paper (no classification);
Fail = ignition of the paper (d2 classification).
[i] Under conditions of surface flame attack and, if appropriate to the end–use application of the product, edge flame attack.

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Photo Appendix:



Before test	After test



Before test	After test

SGS authenticate the photo on original report only

End of Report

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