

## Test Report

No.: CZXHL25002734202

Date: Dec 24, 2025

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Client Name: BLAUWSCHILD BV

Client Address: HERTENLAAN 12 6705 CB WAGENINGEN THE NETHERLANDS

Sample Description: PET ACOUSTIC PANEL

Item No.: 20251203-2

Manufacturer: BLAUWSCHILD BV

Supplier: BLAUWSCHILD BV

Origin of the Product(s): THE NETHERLANDS

Destination of the Product(s): THE NETHERLANDS

The above sample(s) and information were provided by the client.

SGS No.: CZHL2512014432HI

SGS Ref. No.: SHHL2512073121HI

Sample Receiving Date: Dec 04, 2025

Testing Period: Dec 04, 2025 ~ Dec 22, 2025

Test Requested: Select test(s) as requested by the client.

Testing Performed: Follow selected test(s) as requested by client.

Conclusion: Based on the submitted sample(s), test was performed according to Decree 2011-321 relative to the labeling of construction products, floor or wall coverings and paints and lacquers concerning their emission of volatile pollutants, sample is A+ class.

Signed for and behalf of  
SGS-CSTC Standards Technical Services (Changzhou) Co., Ltd  
Test address: 6F, Building 30, Heimudan Science Park, Tianning District,  
Changzhou, Jiangsu, China

Joy Huan

Joy Huan  
Approved Signatory

Scan to see the report



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**Test Result(s):**

**Test Part Description:**

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1	CZX25-0027342-0001.C001	Grey/White felt board

**Remarks:**

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) “-“ = Not Regulated

**Volatile Pollutants (VOCs)**

**Test Method:** With reference to ISO 16000-9:2024 &ISO 16000-6:2021&ISO16000-3:2022.  
Testing was performed by Environmental Chamber, followed by sampling using Tenax-TA tube and DNPH cartridge, analysis was performed by TDS-GC-MS and HPLC-DAD.

Test Item(s)	CAS No.	Unit(s)	A1
<b>Test condition</b>			
Chamber Volume	-	m <sup>3</sup>	0.06
Storage condition (Temperature)	-	°C	23.1
Storage condition (Humidity)	-	%	50.1
Air Exchange Rate	-	/h	0.5
Sample loading	-	m <sup>2</sup> /m <sup>3</sup>	1.0
Tenax Sampling Flow	-	mL/min	200
Tenax Sampling Time	-	minute(s)	25
Tenax Sampling Volume	-	L	5
DNPH Sampling Flow	-	mL/min	300
DNPH Sampling Time	-	minute(s)	60
DNPH Sampling Volume	-	L	18
MDL_1	-	µg/m <sup>3</sup>	2.0

Test Item(s)	CAS No.	Unit(s)	A1
<b>VOCs and Carbonyl Compounds</b>			
Test Time	-	-	7days
Formaldehyde	50-00-0	µg/m <sup>3</sup>	ND
Acetaldehyde	75-07-0	µg/m <sup>3</sup>	ND
Toluene	108-88-3	µg/m <sup>3</sup>	ND
Tetrachloroethene	127-18-4	µg/m <sup>3</sup>	ND
Xylene	1330-20-7	µg/m <sup>3</sup>	ND
1,2,4-Trimethylbenzene	95-63-6	µg/m <sup>3</sup>	ND
1,4-Dichlorobenzene	106-46-7	µg/m <sup>3</sup>	ND
Ethylbenzene	100-41-4	µg/m <sup>3</sup>	ND
Ethylene Glycol Monobutylether	111-76-2	µg/m <sup>3</sup>	ND
Styrene	100-42-5	µg/m <sup>3</sup>	ND
Total Volatile Organic Compounds(TVOC)	-	µg/m <sup>3</sup>	10.6

**Notes:**



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1.  $\mu\text{g}/\text{m}^3$  = micrograms per cubic meter

**Evaluation according to Decree 2011-321 relative to the labeling of construction products, floor or wall coverings and paints and lacquers concerning their emission of volatile pollutants**

Classes	C	B	A	A+
Formaldehyde	> 120	< 120	< 60	< 10
Acetaldehyde	> 400	< 400	< 300	< 200
Toluene	> 600	< 600	< 450	< 300
Tetrachloroethylene	> 500	< 500	< 350	< 250
Xylene	> 400	< 400	< 300	< 200
1,2,4-Trimethylbenzene	> 2000	< 2000	< 1500	< 1000
1,4-Dichlorobenzene	> 120	< 120	< 90	< 60
Ethylbenzene	> 1500	< 1500	< 1000	< 750
Ethylene Glycol Monobutylether	> 2000	< 2000	< 1500	< 1000
Styrene	> 500	< 500	< 350	< 250
TVOC	> 2000	< 2000	< 1500	< 1000

The concentrations of exposition are calculated in a conventional reference room of a total volume (V) of 30m<sup>3</sup>, in which is applied a rate of air renewal (n) of 0.5h<sup>-1</sup> and which dimensions are specified here below:

	Surface (S) (m <sup>2</sup> )	Load rate (L=S/V) (m <sup>2</sup> /m <sup>3</sup> )	Surface specific emission output (q=n/L) (m <sup>3</sup> .m <sup>-2</sup> .h <sup>-1</sup> )
Floor	12	0.4	1.25
Ceiling	12	0.4	1.25
One door	1.6	0.05	10
One window	2	0.07	7
Walls (minus door and window)	31.4	1	0.5
Joints (or very small surfaces)	0.2	0.007	70

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.



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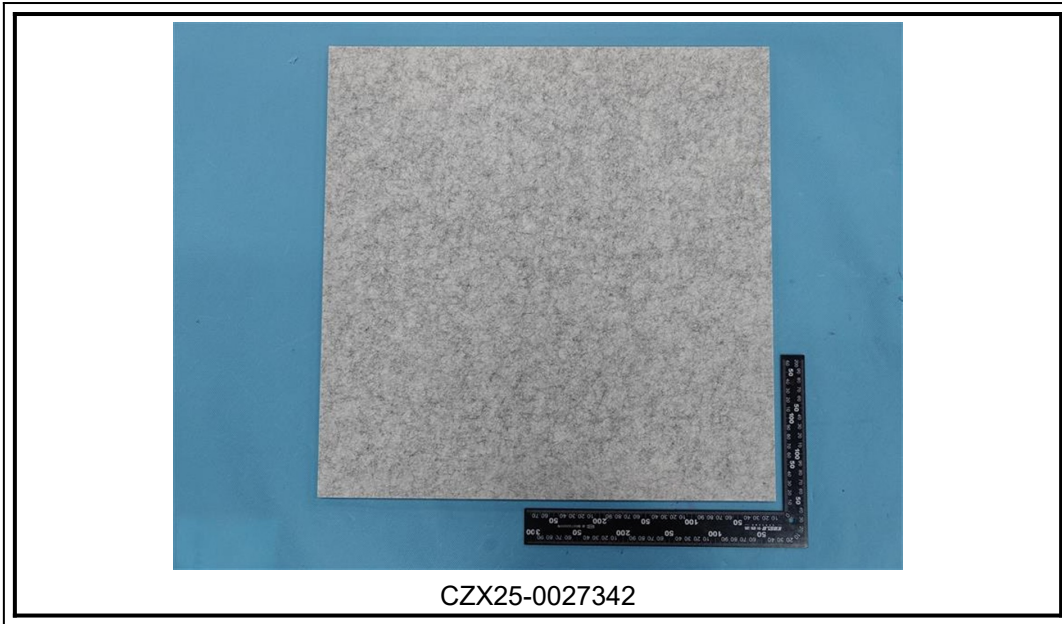
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### Sample Photo:



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\*\*\* End of Report \*\*\*



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