

Déclaration de performance

DOP-AWP-HL-001

CARACTERISTIQUES

Raison social	HOUTWERF BV
Organisme de contrôle	Tüv Rheinland
Adresse de fabrication	LANSHAN DISTRICT, LINYI CITY, SHANDONG PROVINCE
Pays	CHINE

IDENTIFICATION DU PRODUIT

DoP No	DOP-AWP-HL-001
Groupe produit	Revêtement mural décoratif à latte en MDF – Usage interne seulement
Nom commercial	Panneaux 3D Ecowall Acoustic chêne cérusé / chêne clair (miel)
GENCODE	3461870011782

INFORMATIONS COMPLEMENTAIRES

Norme harmonisée	EN 13986 : 2004+A1 : 2015
AVCP	Système 3

DECLARATION DE PERFORMANCE

Réaction au feu	D-s2, d0 (EN 13501-1)
Emission de formaldéhyde	E1 (EN 717-1)
Emission de substances dangereuses	Non communiqué (REACH (EC) No. 1907/2006)

EXIGENCE NATIONALE SUPPLEMENTAIRE

Classification COV	A+
En accordance avec le Décret n°2011-321 et l'Arrêté du 19 avril 2011	

Les performances du produit identifié ci-dessus sont conformes aux performances déclarées. La présente déclaration de performances est délivrée conformément au règlement EU No. 305/2011, sous la seule responsabilité du fabricant/mandataire ci-dessus.

Signé par le fabricant/mandataire en son nom par :

Stéphane LAUREAU (DG Délégué)
Nom et Fonction

BREUILLET, France 06/01/2025
Date et lieu de délivrance


Signature

Rapport de test COV

Panneau Ecowall Acoustic

CARACTERISTIQUES

Raison social	AJ TIMBER
Adresse de fabrication	LANSHAN DISTRICT, LINYI CITY, SHANDONG PROVINCE
Pays	CHINE
Laboratoire	Laboratoire chimique de Shanghai
Date du test	05/08/2024

IDENTIFICATION DU PRODUIT

N° Rapport	244529281a 001
Groupe produit	Revêtement mural décoratif – Usage interne seulement
Nom commercial	Panneaux 3D Ecowall Acoustic chêne cérusé / chêne clair

INFORMATIONS COMPLEMENTAIRES

Evaluation / test	Exigences AgBB/DiBt
Norme	ISO 16000-3, ISO 16000-6 et ISO 16000-9
Système de test	Chambre d'essai : Correspond à l'ISO 16000-9 Volume de la chambre d'essai : 1m ³ Température de l'air soufflé : 23°C ± 2°C Humidité relative de l'air soufflé : 50 % ± 5 % Taux de renouvellement d'air : 0.5/h Facteur de charge : 1 m ² / m ³

CARACTERISTIQUE DE PERFORMANCE

Paramètres	3 jours		7 jours		28 jours	
	Résultats	Exigence AgBB/ DiBt	Résultats	Exigence AgBB/ DiBt	Résultats	Exigence AgBB/ DiBt
TCOV (C ₆ -C ₁₆)	0.859 mg/m ³	≤ 10 mg/m ³	0.248 mg/m ³	≤ 0.5 mg/m ³	0.006 mg/m ³	≤ 1.0 mg/m ³
Σ SCOV (C ₁₆ -C ₂₂)	< RL	Aucun	< RL	≤ 0.05 mg/m ³	< RL	≤ 0.1 mg/m ³
Σ R	1.6578	Aucun	0.8585	≤ 0.5	0.2144	≤ 1
Σ COV sans LCI	< RL	Aucun	< RL	≤ 0.05 mg/m ³	< RL	≤ 0.1 mg/m ³
Σ Carc 1A & 1B sans LCI	< RL	≤ 0.01 mg/m ³	< RL	≤ 0.001 mg/m ³	< RL	≤ 0.001 mg/m ³
Formaldéhyde	0.042 mg/m ³	Aucun	0.047 mg/m ³	≤ 0.060 mg/m ³	0.025 mg/m ³	≤ 0.120 mg/m ³
	1B (CN) / E1 (FR)		1B (CN) / E1 (FR)		1B (CN) / E1 (FR)	

Les performances du produit identifié ci-dessus sont conformes aux performances déclarées.
 Déclaration des performances établie sous la seule responsabilité du fabricant /mandataire ci-dessus.
 Signé par le fabricant/mandataire en son nom par :

Stéphane LAUREAU (DG Délégué)
Nom et Fonction

BREUILLET, France 24/11/2025
Date et lieu de délivrance



Signature

RAPPORT DE TEST

No.: CZIN2303000023CM

Date: Mar 27, 2023

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ADDRESSE : LANSHAN DISTRICT, LINYI CITY, SHANDONG PROVINCE, CHINA

NOM : Panneau mural acoustique Ecowall

Les informations et échantillons ci-dessus ont été soumis et confirmés par le client. SGS décline toutefois toute responsabilité quant à la vérification de l'exactitude, de la pertinence et de l'exhaustivité des informations fournies par le client.

Test requis : Coefficient d'absorption acoustique
SGS Ref. No. : SHIN2303000487CM
Ref. Norme : EN 15102:2019 Clause 4.7 & EN ISO 354:2003
Date de réception : Mar 07, 2023
Début du test : Mar 07, 2023
Fin du test : Mar 27, 2023
Résultat : Pour plus de détails, veuillez consulter la ou les pages suivantes.
(Sauf indication contraire, les résultats présentés dans ce rapport d'essai ne concernent que le ou les échantillons testés.)

Signed for
SGS-CSTC Standards Technical
Service (Changzhou)Co., Ltd.

Tiffany Liu
Authorized signatory



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Résumé des résultats

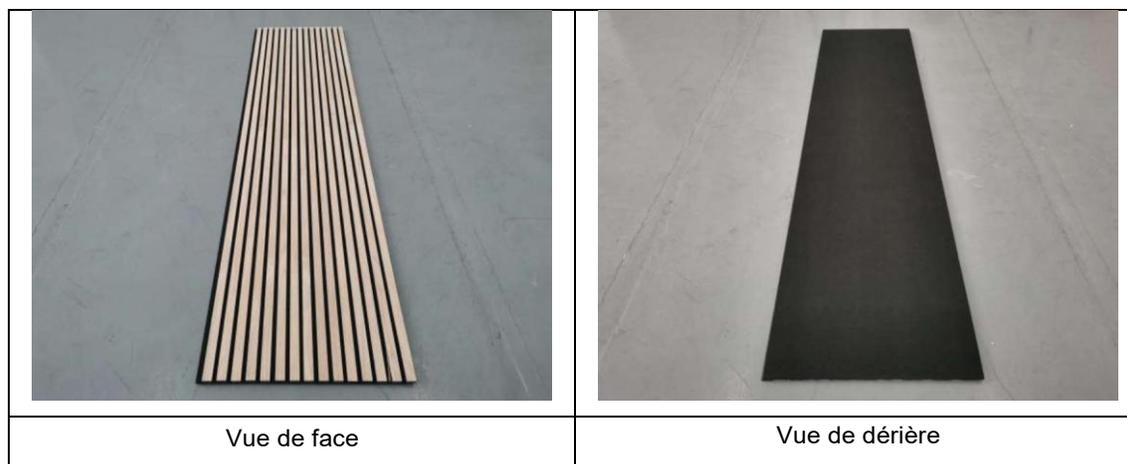
No.	Elément de test	Méthode	Resultat	Conclusion
1	Coefficient absorption acoustique	EN 15102:2019 Clause 4.7 & EN ISO 354:2003	Voir les résultats	/

Note : Réussite : Satisfaire aux exigences

Echec : Ne répond pas aux exigences

/ : Ne s'applique pas au jugement

Photos originales d'exemples :



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Elément de test : Coefficient d'absorption acoustique

I. Methode de test

EN 15102 :2019 Revêtement mural décoratif - Formulaire, Clause 4.7 – absorption acoustique

EN ISO 354 :2003 Acoustique – Mesure de l'absorption acoustique dans une salle de réverbération

II. Détails de l'échantillon

Dimensions	2400mm×600mm×21mm
Densité de surface	7.53kg/m ²

III. Test Condition

Température	15.0°C	Relative Humidity	86.8%RH
Volume de réverbération	260m ³	Test Area	10.8m ² (3.6m×3.0m)
Description du dispositif de test	The installation of samples refers to type E mounting. The samples are installed in the reverberation room, use baffle to enclosure. 100mm back cavity.		



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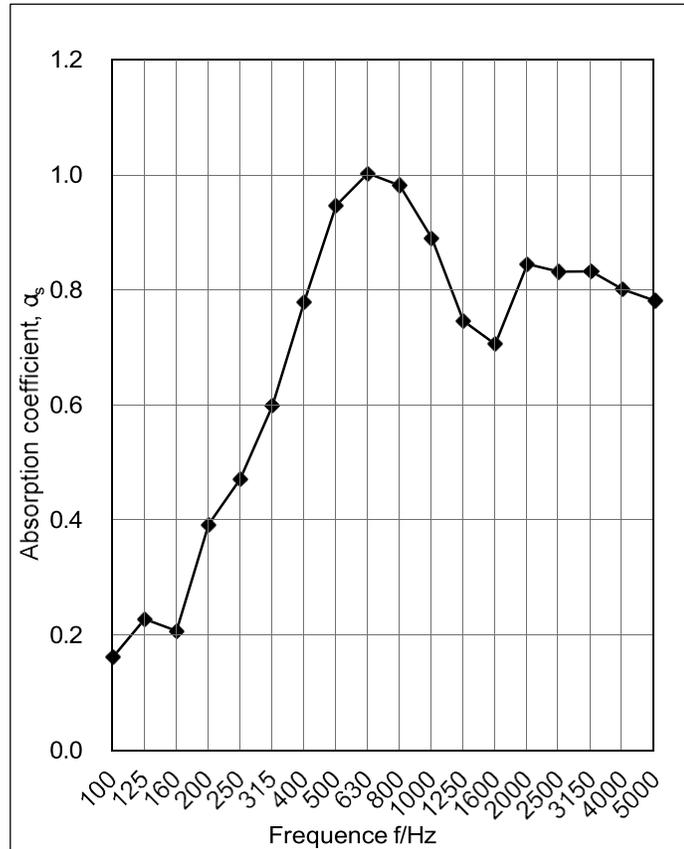
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IV. Résultat des tests

Frequence, Hz	Absorption Coefficient, α_s
100	0.16
125	0.23
160	0.21
200	0.39
250	0.47
315	0.60
400	0.78
500	0.95
630	1.00
800	0.98
1000	0.89
1250	0.75
1600	0.71
2000	0.85
2500	0.83
3150	0.83
4000	0.80
5000	0.78
$\bar{\alpha}_s$	0.68
NRC	0.80



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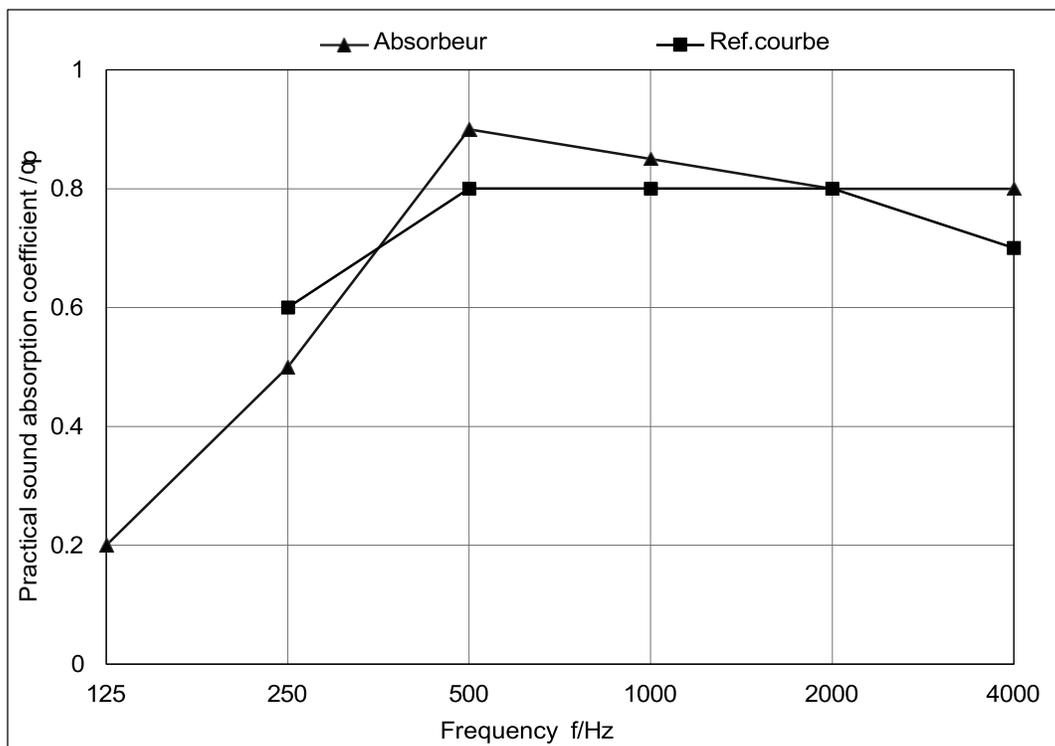
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Frequence/Hz	Courbe de référence	Coefficient d'absorption acoustique pratique, α_p	Coefficient d'absorption acoustique pondéré, α_w	Cours d'absorption acoustique
125	-	0.20	0.80	Classe B
250	0.60	0.50		
500	0.80	0.90		
1000	0.80	0.85		
2000	0.80	0.80		
4000	0.70	0.80		



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Coefficient d'absorption acoustique pondéré calculé selon
la norme EN ISO 11654 :1997

Coefficient d'absorption moyen $\bar{\alpha}_s$ (100Hz~5000Hz) : 0.68

Coefficient de réduction du bruit : NRC=0.80

Coefficient d'absorption acoustique pondéré α_w =0.80

Classe d'absorption acoustique : Classe B

Note:

1. Selon EN ISO 11654:1997, La classe d'absorption acoustique est de cinq: Classe A $\alpha_w=0.90;0.95;1.00$ Classe B $\alpha_w=0.80;0.85$ Classe C $\alpha_w=0.60;0.65;0.70;0.75$ Classe D $\alpha_w=0.30;0.35;0.40;0.45;0.50;0.55$
Classe E $\alpha_w=0.15;0.20;0.25$ Non classé $\alpha_w=0.00;0.05;0.10$
2. Le NRC est la moyenne arithmétique du coefficient d'absorption contenu dans quatre bandes de fréquence d'octave. (250, 500, 1000, 2000 Hz).
3. Cette déclaration de conformité est uniquement fondée sur les résultats de cette activité de laboratoire ; l'impact de l'incertitude des résultats n'a pas été pris en compte.

***** Fin du rapport *****



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