



Produktprüfung
Zertifizierung
Qualitätssicherung

Attestation

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Based on the Test Report No. B32866-001 dated 2012-02-27

Product:

Slip-resistant equipped fabric for functional and decorative wall design as raw white and white pigmented goods

Vitrolan Textile Glass GmbH, D-Marktschorgast

Evaluation of the emissions test results according to AgBB (Committee for Health-related Evaluation of Building Products) and DIBt (German Institute of Structural Engineering) guidelines

Carcinogenic substances have not been detected after 3 and 28 days.

The sum of VOC (defined as TVOC) after 3 days was below 10 mg/m^3 .

The sum of VOC (defined as TVOC) after 28 days was below 1.0 mg/m^3 .

The sum of SVOC after 28 days was below the limit of 0.1 mg/m^3 .

The R-Value after 28 days calculated with single VOC concentrations above $5 \text{ } \mu\text{g/m}^3$ was below the limit of 1.

The sum of VOC without LCI after 28 days was below the limit of 0.1 mg/m^3 .

Sampling, testing and evaluation were performed according to ISO 16000-3, ISO 16000-6, ISO 16000-9, ISO 16000-11 and ISO 16017

The tested product complies with the requirements of DIBt (10/2010) in combination with the NIK values from AgBB (05/2010) for use in indoor environment.

Cologne, 2012-07-17

eco-INSTITUT GmbH

Daniel Tigges, Dipl.-Holzwirt
(Projekt Manager)



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Produktprüfung
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Based on the Test Report No. B32866-002 dated 2012-02-27

Product:

Slip-resistant equipped fabric for functional and decorative wall design as raw white and white pigmented goods with water-activatable backside coating

Vitrolan Textile Glass GmbH, D-Marktschorgast

Evaluation of the emissions test results according to AgBB (Committee for Health-related Evaluation of Building Products) and DIBt (German Institute of Structural Engineering) guidelines

Carcinogenic substances have not been detected after 3 and 28 days.

The sum of VOC (defined as TVOC) after 3 days was below 10 mg/m^3 .

The sum of VOC (defined as TVOC) after 28 days was below 1.0 mg/m^3 .

The sum of SVOC after 28 days was below the limit of 0.1 mg/m^3 .

The R-Value after 28 days calculated with single VOC concentrations above $5 \text{ } \mu\text{g/m}^3$ was below the limit of 1.

The sum of VOC without LCI after 28 days was below the limit of 0.1 mg/m^3 .

Sampling, testing and evaluation were performed according to ISO 16000-3, ISO 16000-6, ISO 16000-9, ISO 16000-11 and ISO 16017

The tested product complies with the requirements of DIBt (10/2010) in combination with the NIK values from AgBB (05/2010) for use in indoor environment.

Cologne, 2012-07-26

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Produktprüfung
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Based on the Test Report No. B32866-003 dated 2012-02-27

Product:

Pigmented glass fleece for functional and decorative wall design, white

Vitruan Textile Glass GmbH, D-Marktschorgast

Evaluation of the emissions test results according to AgBB (Committee for Health-related Evaluation of Building Products) and DIBt (German Institute of Structural Engineering) guidelines

Carcinogenic substances have not been detected after 3 and 7 days.

The sum of VOC (defined as TVOC) after 3 days was below 10 mg/m^3 .

The sum of VOC (defined as TVOC) after 7 days was below 0.5 mg/m^3 .

The sum of SVOC after 7 days was below the limit of 0.05 mg/m^3 .

The R-Value after 7 days calculated with single VOC concentrations above $5 \text{ } \mu\text{g/m}^3$ was below the limit of 0.5.

The sum of VOC without LCI after 7 days was below the limit of 0.05 mg/m^3 .

Sampling, testing and evaluation were performed according to ISO 16000-3, ISO 16000-6, ISO 16000-9, ISO 16000-11 and ISO 16017

The tested product complies with the requirements of DIBt (10/2010) in combination with the NIK values from AgBB (05/2010) for use in indoor environment.

Cologne, 2012-07-26

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Produktprüfung
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Based on the Test Report No. 38394-001 dated 2012-12-17

Product:

**Product group 11:
Unpigmented glass fleece, for functional and decorative wall design**

Vitrulan Textile Glass GmbH, D-Marktschorgast

Evaluation of the emissions test results according to AgBB (Committee for Health-related Evaluation of Building Products) and DIBt (German Institute of Structural Engineering) guidelines

Carcinogenic substances have not been detected after 3 days.

The sum of VOC (defined as TVOC) after 3 days was below 0.3 mg/m^3 .

The sum of SVOC after 3 days was below the limit of 0.05 mg/m^3 .

The R-Value after 3 days calculated with single VOC concentrations above $5 \text{ } \mu\text{g/m}^3$ was below the limit of 1.

The sum of VOC without LCI after 3 days was below the limit of 0.05 mg/m^3 .

Sampling, testing and evaluation were performed according to ISO 16000-3, ISO 16000-6, ISO 16000-9, ISO 16000-11 and ISO 16017

The tested product complies with the requirements of DIBt (10/2010) in combination with the NIK values from AgBB (06/2012) for use in indoor environment.

Cologne, 2012-12-17

eco-INSTITUT GmbH

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Produktprüfung
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Attestation

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Based on the Test Report No. B32866-004 dated 2012-02-27

Product:

Pigmented glass fleece with water-activatable adhesive coating on the back for functional and decorative wall design, white

Vitrolan Textile Glass GmbH, D-Marktschorgast

Evaluation of the emissions test results according to AgBB (Committee for Health-related Evaluation of Building Products) and DIBt (German Institute of Structural Engineering) guidelines

Carcinogenic substances have not been detected after 3 and 28 days.

The sum of VOC (defined as TVOC) after 3 days was below 10 mg/m^3 .

The sum of VOC (defined as TVOC) after 28 days was below 1.0 mg/m^3 .

The sum of SVOC after 28 days was below the limit of 0.1 mg/m^3 .

The R-Value after 28 days calculated with single VOC concentrations above $5 \text{ } \mu\text{g/m}^3$ was below the limit of 1.

The sum of VOC without LCI after 28 days was below the limit of 0.1 mg/m^3 .

Sampling, testing and evaluation were performed according to ISO 16000-3, ISO 16000-6, ISO 16000-9, ISO 16000-11 and ISO 16017

The tested product complies with the requirements of DIBt (10/2010) in combination with the NIK values from AgBB (05/2010) for use in indoor environment.

Cologne, 2012-07-26

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Attestation

Based on test report no. B37474-001 dated 29.08.2014

for the product

SYSTEXX "Glass fabrics, for use as a functional and decorative wall covering, with sound-absorbing backside laminating made of polyester, undyed

manufactured by

Vitrolan Textilglas GmbH, D-95509 Marktschorgast

Evaluation of the emissions test results according to AgBB / Committee for Health-related Evaluation of Building Products (Status: 2010).

C-VOC (carcinogenic VOC*) $\leq 0,01 \text{ mg/m}^3$ (3 days after test chamber loading)
C-VOC (carcinogenic VOC*) $\leq 0,001 \text{ mg/m}^3$ (28 days after test chamber loading)
TVOC (total volatile organic compounds) $\leq 10 \text{ mg/m}^3$ (3 days after test chamber loading)
TVOC (total volatile organic compounds) $\leq 1 \text{ mg/m}^3$ (28 days after test chamber loading)
VOC (sum) without LCI $\leq 0,1 \text{ mg/m}^3$ (28 days after test chamber loading)
TSVOC (total semi-volatile organic compounds) $\leq 0,1 \text{ mg/m}^3$ (28 days after test chamber loading)
R value ≤ 1 (28 days after test chamber loading)
Formaldehyde $\leq 0,1 \text{ ppm}$ (28 days after test chamber loading)

* VOC = volatile organic compounds

The tested product fulfills the requirements of AgBB (10/2010) in combination with the LCI-values of the AgBB (05/2010) for indoor environments.

This attestation does not represent an eco-INSTITUT-Label certification and is not tantamount to a complete test according to the eco-INSTITUT-Label criteria.

Cologne, 22.04.2015
eco-INSTITUT Germany GmbH



Tobias Rüsing, Dipl.-Geol.
(Project Manager)

Bescheinigung / Attestation

basierend auf dem Prüfbericht / based on test report / Sur base du rapport d'essais

Nr. 52272-001 vom / from / en date du 24.07.2017

für das geprüfte Produkt / for the tested product / pour le produit testé

Glasgewebe (Produktgruppenvertreter MGG 904 FR)

**aus der Produktgruppe 9: Flammgeschützt und schiebefest ausgerüsteter
Glaswandbelag zur dekorativen und funktionellen Wandgestaltung**

Hersteller / Manufacturer / Fabricant

Vitrolan Textile Glass GmbH, 95509 Marktschorgast

Bewertung der Ergebnisse der Emissionsmessungen des geprüften Produktes / Evaluation of the emissions test results for the tested product / L'évaluation des résultats des mesures d'émissions du produit testé:

Land Country Pays	Nationale Kriterien / Anforderungen National Requirement Les critères nationaux / Exigence	Kriterien erfüllt Criteria fulfilled Critères remplis
Deutschland Germany Allemagne	AgBB-Schema / Ausschuss für die gesundheitliche Bewertung von Bauprodukten (Stand: 2015)	✓ ja / yes / oui
Frankreich France	Französische VOC Klassifizierungsverordnung French VOC labeling regulation <i>„Décret n° 2011-321“ and „Arrêté relatif à l'étiquetage des produits de construction ou de revêtement de mur ou de sol et des peintures et vernis sur leurs émissions de polluants volatils“</i>	✓ Klasse / Class / Classe A+
Frankreich France	Französische KMR Emissionsverordnung French CMR emissions regulation <i>“Arrêté du 28 mai 2009 modifiant l'arrêté du 30 avril 2009 relatif aux conditions de mise sur le marché des produits de construction et de décoration contenant des substances cancérigènes, mutagènes ou reprotoxiques de catégorie 1 ou 2”</i>	✓ ja / yes / oui

Köln / Cologne, 17.05.2018

eco-INSTITUT Germany GmbH



Daniel Tigges, Dipl.-Holzwirt
(Projektleiter / Project Manager / Chef de projet)

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Ce n'est pas une eco-INSTITUT-Label certification. L'utilisation de cette attestation n'est pas autorisé pour la publicité des produits et de l'entreprise. (par exemple sur des médias imprimés et Internet).

Bescheinigung / Attestation

basierend auf dem Prüfbericht / based on test report / Sur base du rapport d'essais

Nr. 52888-001 II vom / from / en date du 19.02.2018

für das geprüfte Produkt / for the tested product / pour le produit testé

Glasvlies (Produktgruppenvertreter GV OP 250FP)

**aus der Produktgruppe 9: Flammgeschützt und schiebefest ausgerüsteter
Glaswandbelag zur dekorativen und funktionellen Wandgestaltung**

Hersteller / Manufacturer / Fabricant

Vitrolan Textile Glass GmbH, 95509 Marktschorgast

Bewertung der Ergebnisse der Emissionsmessungen des geprüften Produktes / Evaluation of the emissions test results for the tested product / L'évaluation des résultats des mesures d'émissions du produit testé:

Land Country Pays	Nationale Kriterien / Anforderungen National Requirement Les critères nationaux / Exigence	Kriterien erfüllt Criteria fulfilled Critères remplis
Deutschland Germany Allemagne	AgBB-Schema / Ausschuss für die gesundheitliche Bewertung von Bauprodukten (Stand: 2015)	✓ ja / yes / oui
Frankreich France	Französische VOC Klassifizierungsverordnung French VOC labeling regulation <i>„Décret n° 2011-321“ and „Arrêté relatif à l'étiquetage des produits de construction ou de revêtement de mur ou de sol et des peintures et vernis sur leurs émissions de polluants volatils“</i>	✓ Klasse / Class / Classe A
Frankreich France	Französische KMR Emissionsverordnung French CMR emissions regulation <i>“Arrêté du 28 mai 2009 modifiant l'arrêté du 30 avril 2009 relatif aux conditions de mise sur le marché des produits de construction et de décoration contenant des substances cancérigènes, mutagènes ou reprotoxiques de catégorie 1 ou 2”</i>	✓ ja / yes / oui

Köln / Cologne, 17.05.2018

eco-INSTITUT Germany GmbH



Daniel Tigges, Dipl.-Holzwirt
(Projektleiter / Project Manager / Chef de projet)

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Produktprüfung
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Attestation

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Based on the Test Report No. B32866-005 dated 2012-02-27

Product:

Magnetic fabric made of glass fibers in the color white, for functional and decorative wall design

Vitrulan Textile Glass GmbH, D-Marktschorgast

Evaluation of the emissions test results according to AgBB (Committee for Health-related Evaluation of Building Products) and DIBt (German Institute of Structural Engineering) guidelines

Carcinogenic substances have not been detected after 3 and 7 days.

The sum of VOC (defined as TVOC) after 3 days was below 10 mg/m^3 .

The sum of VOC (defined as TVOC) after 7 days was below 0.5 mg/m^3 .

The sum of SVOC after 7 days was below the limit of 0.05 mg/m^3 .

The R-Value after 7 days calculated with single VOC concentrations above $5 \text{ } \mu\text{g/m}^3$ was below the limit of 0.5.

The sum of VOC without LCI after 7 days was below the limit of 0.05 mg/m^3 .

Sampling, testing and evaluation were performed according to ISO 16000-3, ISO 16000-6, ISO 16000-9, ISO 16000-11 and ISO 16017

The tested product complies with the requirements of DIBt (10/2010) in combination with the NIK values from AgBB (05/2010) for use in indoor environment.

Cologne, 2012-07-26

eco-INSTITUT GmbH

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(Projekt Manager)



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Bescheinigung / Attestation

basierend auf dem Prüfbericht / based on test report / Sur base du rapport d'essais

Nr. 53594-001 vom / from / en date du 16.10.2018

für das geprüfte Produkt / for the tested product / pour le produit testé

Wandbelag (Produktgruppenvertreter SYSTEXX Active Magnetic Whiteboard)

aus der Produktgruppe 11: Weisse Whiteboard fähige Oberfläche zur dekorativen und gleichzeitig funktionellen Wandgestaltung mit patentierter magnetaktiver Rückseite.

Hersteller / Manufacturer / Fabricant

Vitruan Textile Glass GmbH, 95509 Marktschorgast

Bewertung der Ergebnisse der Emissionsmessungen des geprüften Produktes / Evaluation of the emissions test results for the tested product / L'évaluation des résultats des mesures d'émissions du produit testé:

Land Country Pays	Nationale Kriterien / Anforderungen National Requirement Les critères nationaux / Exigence	Kriterien erfüllt Criteria fulfilled Critères remplis
Deutschland Germany Allemagne	AgBB-Schema / Ausschuss für die gesundheitliche Bewertung von Bauprodukten (Stand: 2018)	✓ ja / yes / oui
Frankreich France	Französische VOC Klassifizierungsverordnung French VOC labeling regulation <i>„Décret n° 2011-321“ and „Arrêté relatif à l'étiquetage des produits de construction ou de revêtement de mur ou de sol et des peintures et vernis sur leurs émissions de polluants volatils“</i>	✓ Klasse / Class / Classe A+
Frankreich France	Französische KMR Emissionsverordnung French CMR emissions regulation <i>“Arrêté du 28 mai 2009 modifiant l'arrêté du 30 avril 2009 relatif aux conditions de mise sur le marché des produits de construction et de décoration contenant des substances cancérigènes, mutagènes ou reprotoxiques de catégorie 1 ou 2“</i>	✓ ja / yes / oui

Köln / Cologne, 31.10.2018

eco-INSTITUT Germany GmbH



Arne Herzog
(Projektleiter / Project Manager / Chef de projet)

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Ce n'est pas une eco-INSTITUT-Label certification. L'utilisation de cette attestation n'est pas autorisée pour la publicité des produits et de l'entreprise. (par exemple sur des médias imprimés et Internet).



Produktprüfung
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Attestation

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Based on the Test Report No. B33406-002 dated 2012-02-27

Product:

Magnetic fleece made of glass fibers in the color white, for functional and decorative wall design

Vitrulan Textile Glass GmbH, D-Marktschorgast

Evaluation of the emissions test results according to AgBB (Committee for Health-related Evaluation of Building Products) and DIBt (German Institute of Structural Engineering) guidelines

Carcinogenic substances have not been detected after 3 and 7 days.

The sum of VOC (defined as TVOC) after 3 days was below 10 mg/m^3 .

The sum of VOC (defined as TVOC) after 7 days was below 0.5 mg/m^3 .

The sum of SVOC after 7 days was below the limit of 0.05 mg/m^3 .

The R-Value after 7 days calculated with single VOC concentrations above $5 \text{ } \mu\text{g/m}^3$ was below the limit of 0.5.

The sum of VOC without LCI after 7 days was below the limit of 0.05 mg/m^3 .

Sampling, testing and evaluation were performed according to ISO 16000-3, ISO 16000-6, ISO 16000-9, ISO 16000-11 and ISO 16017

The tested product complies with the requirements of DIBt (10/2010) in combination with the NIK values from AgBB (05/2010) for use in indoor environment.

Cologne, 2012-07-26

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Attestation

Based on test report no. B43672-001 dated 27.08.2014

for the product

Cellulose fleece equipped with stable handling glaze to be used as functional or decorative wall covering, off-white or white-pigmented product with or without water-activated adhesive coating on reverse side.

manufactured by

Vitrolan Textilglas GmbH, D-95509 Marktschorgast

Evaluation of the emissions test results according to AgBB / Committee for Health-related Evaluation of Building Products (Status: 2012).

C-VOC (carcinogenic VOC*) $\leq 0,01 \text{ mg/m}^3$ (3 days after test chamber loading)
C-VOC (carcinogenic VOC*) $\leq 0,001 \text{ mg/m}^3$ (28 days after test chamber loading)
TVOC (total volatile organic compounds) $\leq 10 \text{ mg/m}^3$ (3 days after test chamber loading)
TVOC (total volatile organic compounds) $\leq 1 \text{ mg/m}^3$ (28 days after test chamber loading)
VOC (sum) without LCI $\leq 0,1 \text{ mg/m}^3$ (28 days after test chamber loading)
TSVOC (total semi-volatile organic compounds) $\leq 0,1 \text{ mg/m}^3$ (28 days after test chamber loading)
R value ≤ 1 (28 days after test chamber loading)
Formaldehyde $\leq 0,1 \text{ ppm}$ (28 days after test chamber loading)

* VOC = volatile organic compounds

The tested product fulfills the requirements of DIBt (10/2010) in combination with the LCI-values of the AgBB (2012) for indoor environments.

This attestation does not represent an eco-INSTITUTE-Label certification and is not tantamount to a complete test according to the eco-INSTITUTE-Label criteria.

Cologne, 09.04.2015
eco-INSTITUT Germany GmbH



Tobias Rüsing, Dipl.-Geol.
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