

















Data Sheet: ERFURT WB wallpaper

 PVC-free	 Non-flammable	 Non-woven adhesive	 Wall pasting technique	 Breathable
 Impact-resistant	 Excellent light resistance	 Dry strippable	 Environmentally friendly	 Brandschutz-klassifizierung
 Printable with waterbased inks	 Printable with pigmented inks	 Printable with latex inks	 For indoor use	 For fairs etc.

TEXTILES VERTRAUEN
 Geprüft auf Schadstoffe
 nach Oeko-Tex® Standard 100
 12.0.13539 Hohenstein

- Certified Oeko-tex 100 standard product class IV, printed with EPSON-UltraChrome inks
- Certified Oeko-tex 100 standard product class IV, printed with HP-Latex inks

Handling:

<p>1. The base surface should be dry, clean, firm, absorbent and smooth. Mark the width of the length on the wall and plumb.</p>			<p>4. Firmly press down the lengths of wallpaper with foam rubber roller.</p>
<p>2a. Use nonwoven adhesive in a ratio of 1:10 for pasting. Use with a pasting machine – no soaking time required or</p>			<p>5. Immediately after adhesion of each strip, carefully dab with a soft, slightly damp, clean cloth to remove any leaking adhesive.</p>
<p>2b. Use the wall adhesion technique – no soaking time required.</p>			<p>6. Cut off excess wallpaper in the corners with a wallpapering palette knife and a Stanley knife or using scissors.</p>
<p>3a. Where the edges of the print are cut cleanly, butt the edges together, or</p>			<p>7. Slight traces of adhesive on the surface can be removed with a soft, slightly damp cloth once the wallpaper has dried.</p>
<p>3b. with overlapping lengths of wallpaper, cut the white margins up to the image when dry. Then align the lengths on the wall where they overlap. Make a cut through both layers for a clean join.</p>			<p>8. When you come to redecorate, the wallpaper can be dry stripped leaving no traces.</p>

Data Sheet: ERFURT WB wallpaper

Product Description

Manufacturer

A cooperation with: Erfurt & Sohn KG · Wuppertal · www.erfurt.com
and: Neschen AG · Bückeberg · www.neschen.com

Product designation

ERFURT WB wallpaper

Raw materials / Manufacture

ERFURT WB wallpaper is a hard-wearing, PVC-free wall covering with a pre-coated finished suitable for waterbased digital ink jet printing, manufactured from special cellulose and textile fibres, combined with polymer binding agents.

Product data

- Dimensions and order no. of textured finishes:
30 x 0,75 m DV 538
- Dimensions and order no. of smooth finishes:
40 x 0,75 m DV 562
40 x 1,50 m DV 562
- Weight: ca. 220 g/m²

Product characteristics

- Smooth or textured, hot roll-pressed surface
- Its water vapour permeability conforms to DIN 52615, corresponding to a diffusion-equivalent air layer thickness of 0,05 m
- Fire protection class according to DIN EN 13501-1, corresponds to B, s1, d0
- PVC-, softener- and solvent-free, fibreglass-free
- No addition of heavy metal compounds or formaldehyde
- Dimensionally stable and covers over cracks (Class A)
- Excellent base surface coverage due to the pigmentation in the wallpaper
- Dry strippable without leaving any traces
- Oeko-Text Standard 100

Printing properties

- Up to 30% less ink used
- Suitable for pigmented and latex inks
- Suitable for waterbased printing

Application / Handling

ERFURT WB wallpaper can be used on all interior base surfaces that can be wallpapered over. The base surface should be carefully prepared and must be dry, clean, firm, slightly absorbent and smooth.

Remove all wallpaper and coats of paint that are no longer adhering to the wall. Smooth out rough base surfaces with plaster-based filler.

Prime very absorbent base surfaces with solvent-free primer. Please read BFS data sheets nos. 7 and 16.

Hang using the wall adhesion technique

Use nonwoven adhesives, such as Metylan secure/Metylan NP New Plaster Paste, at a ratio of 1:10 = 1 kg in 10 l of water or similar. Apply the adhesive evenly to the base surface and lay the cut lengths of wallpaper dry into the bed of adhesive. Please read the adhesive manufacturer's instructions for use.

Using a pasting machine

Paste ERFURT WB wallpaper using a pasting machine, fold it and hang it immediately without allowing for a soaking time. Use nonwoven adhesives, such as Metylan secure/Metylan NP New Plaster Paste, at a ratio of 1:10 = 1 kg in 10 l of water or similar. Please read the adhesive manufacturer's instructions for use.

Adhesion

Hang ERFURT WB wallpaper perpendicular, with the lengths butt jointed to each other. Smooth out the bubbles with a foam roller or a wallpapering palette knife. Press excess lengths at ceilings, skirtings, windows etc. into the corners with a plastic trowel and cut off with a Stanley knife. Ensure the wall covering does not overlap. Immediately remove any traces of adhesive from the surface.

Butt seam adhesion

For prints with clean cut edges, the edge of one strip is butted up against the edge of the adjoining strip.

Double-cutting adhesion

For overlapping printed wallpaper strips, cut off the white edges up to the pattern when the wallpaper is dry. Then align the strips on the wall in the area where they overlap and press down with a rubber roller or wallpaper spatula to remove any air bubbles. For a clean seam, cut through the two layers of overlapping wallpaper in one cut, remove the wallpaper and adhesive residues and finish off with a seam roller. Press excess wallpaper on ceilings, skirting boards, windows etc into the corners with a plastic trowel and trim with a Stanley knife. Ensure the wall covering does not overlap. **Immediately remove any traces of adhesive on the surface with a soft, slightly damp cloth.**

ERFURT WB wallpaper wall coverings are extremely hard-wearing. For heavily used environments such as catering establishments, swimming pools or event venues, we recommend coating the wallpaper after hanging with a high-quality clear varnish (e.g. Capaplex by Caparol) to protect the print.

Easy to remove (please see note below)

ERFURT WB wallpaper can be dry stripped without leaving any traces when you come to redecorate.

Note:

You are using a high-quality ERFURT brand. To ensure a long-lasting quality finish, good workmanship is necessary. To achieve professional results, we recommend the use of a solvent-free wallpaper adhesive, e.g. „Metylan NP“ (or a similar product). Please do not use dispersion adhesive as this can result in removal of printing ink and can make it difficult to remove the wallpaper strips.

We recommend the use of protective gloves (soft cotton) when wallpapering to protect the high-density pigment inks. If you apply the wallpaper with bare hands or finger tips, the colour may rub off! Immediately remove any traces of adhesive on the surface carefully with a soft, slightly damp cloth.

Please do not use wallpaper adhesive containing solvents or dispersion adhesive!

CERTIFICATE

OEKO-TEX® Zertifizierungsstelle GmbH

Kaiserstraße 39 · 60329 Frankfurt am Main

The company

Erfurt & Sohn KG

Hugo-Erfurt-Straße 1

42399 Wuppertal, GERMANY

is granted authorization according to Oeko-Tex® Standard 100 to use the Oeko-Tex® mark, based on our **test report 12.0.13539**



Tested for harmful substances

according to Oeko-Tex® Standard 100

12.0.13539

Hohenstein

for the following articles:

Digital nonwoven based on cellulosic- /polyester fibres printed with water- and latex based ink; produced by using Oeko-Tex® Standard 100 certified materials.

The results of the inspection made according to Oeko-Tex® Standard 100, **product class IV** have shown that the above mentioned goods meet the human-ecological requirements of the standard presently established for decoration material.

The certified articles fulfil the requirements of Annex XVII of REACH (incl. the use of azo-dyes, nickel, etc.) as well as the American requirement regarding total content of lead in children's articles (CPSIA; with the exception of accessories made from glass).

The holder of the certificate, who has issued a conformity declaration according to ISO 17050-1, is under an obligation to use the Oeko-Tex® mark only in conjunction with products that conform with the sample initially tested. The conformity is verified by audits.

This authorisation is valid until 28.02.2014

Frankfurt am Main, 16.04.2013

Oeko-Tex Zertifizierungsstelle GmbH
Kaiserstr. 39 60329 Frankfurt a.M.
Tel. +49 (0) 69-400 34 08-0, Fax: 400 34 08 299
e-mail: info@zertifizierung-oekotex.com



Jutta Knels
Geschäftsführung

ERFURT®

Wallpaper

Logobehang • Logo wallpaper
Revêtement logo en étoffe non tissée



Digitalvlies

**SPEZIALVLIES ZUR
MARKENBILDUNG AUF
BASIS VARIOVLIES V 180 S**

- Pigmentiert und hochglatt
- Druckbild lichtecht (>7) und wischbeständig
- Geeignet für Rissüberbrückung der Klassen A+B
- Dimensionsstabil - Sehr gutes Nahtverhalten
- Trocken abziehbar

**SPECIAL NONWOVEN
MATERIAL FOR
BRANDED WALLS**

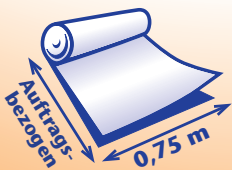
- Pigmented and extremely smooth
- Light resistant (>7)
- Suitable for bridging class A+B cracks
- Dimensionally stable - very good seam conduct
- Dry strippable

**REVÊTEMENT
NON TISSÉ SPÉCIAL**

- Côté face très lisse
- Grand teint (>7)
- Convient aux traitements anti-fissures des classes A+B
- Stabilité dimensionnelle, bonne tenu des joints
- Décollable à sec

**SPECIAAL
VLIES**

- Gepigmenteerde, extreem gladde ondergrond
- Lichtecht (>7)
- Geschikt voor de overbrugging van scheuren van categorie A+B
- Stabiele afmetingen - zeer goed naadgedrag
- Droog verwijderbaar



Made in Germany

ERFURT & SOHN KG • D-42399 Wuppertal
www.erfurt.com • Serviceline: 0049-(0)202-6110-375



Tapeta Vliesfaser® • Specjalna flizelina do powierzchni z efektem gładkich sztuków • Zapigmentowane, bardzo gładkie podłoża pod farbę • Do powłok o wysokiej jakości • Nadaje się do zakrywania rys klasy A+B • Nie kurczy się i nie rozciąga, bardzo dobrze układanie tapety na łączeniach, Do usuwania ze ścian na sucho • Importer: Erfurt & Sohn Polska Sp. z o. o.; Al. Kościuszki 80/82, 90-437 kłodz; Kraj pochodzenia: Niemcy • *Klej do flizeliny

Flizelinové oboi • Специальный флизелин для поверхностей как с гладкой структурой • Pigmentированное, очень гладкое основание для лакокрасочного покрытия • Для покрытий самого высокого качества • Наилучшим образом пригодны для перекрытия трещин класса A+B • Размерустойливы - очень хорошее поведение на стыках, Сухое сдирание • Производитель: Erfurt & Sohn KG, Hugo-Erfurt-Strasse 1, 42399 Wuppertal Германия • *Флизелиновый клей

Flizelinová špaleri • Специальный флизелин для поверхностей как с гладкой структурой • Pigmentированное, очень гладкое основание для лакокрасочного покрытия • Для покрытий самого высокого качества • Наилучшим образом пригодны для перекрытия трещин класса A+B • Размерустойливы - очень хорошее поведение на стыках, Сухое сдирание

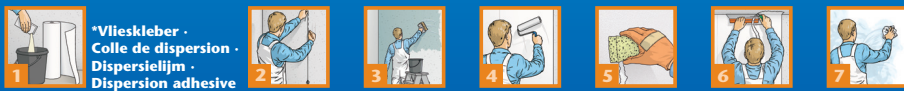
• Erfurt & Sohn KG, Hugo-Erfurt-Strasse 1, 42399 Wuppertal Германия • *Флизелиновый клей/термиты трещин • Вологостойкий та не перешкоджають дифузії водної пари • Шпалери придатні для фарбування • *Клей для флизелиновых шпалер

Vliesfaser® tapéta • Speciális textilszálás tapéta sima szerkezetű felületekhez • Pigménált, extrém sima festékhorozó felület • Nagy értékű rétegekhez • Az A+B osztályok repedésszáthidalására alkalmas • Stabil méretű - és nagyon jó az illesztési viselkedése, Szárazon lehúzható • Forg.: Erfurt Mo. Kft H-1106 Budapest Jászberényi út 29. • *Vlies ragasztó

Vliesfaser® tapete • Satinovaný hladký flizelin k vysoce kvalitní úpravě stěn • Pigmentovaný, mimořádně hladký nosič nátěrů • Pro vysoce kvalitní vrstvy • Vhodný k úpravě trhlin třídy A+B • Rozměrově stálý - velmi dobré chování ve všech • Snímavelný suchou cestou • *Lepidlo na flizelin

Vliesfaser® duvar kağıdı • Düz alüştümlü yüzeyler için özel keçe • Pigmentli, son derece düz boya taşıyıcı • Çok kaliteli kaplamalar için • A+B sınıfı çatlak tımarları için uygun • Boyut dayanıklılığı • Çok iyi birleşme özelliği • Kuru olarak sökülebilir • *Keçe tutkallı

CE	
Erfurt & Sohn KG Hugo-Erfurt-Strasse 1 42399 Wuppertal 13	anyagok kibocsátása: megfelelt • PL: Emisja formaldehydów: wynik pozytywny. Emisja innych substancji niebezpiecznych: wynik pozytywny • RUS: Выделение формальдегида: Испытание выдержано. Выделение других опасных веществ: Испытание выдержано • CZ: Uvolňování formaldehydu: žádné. Uvolňování jiných nebezpečných látek: žádné • SE: Formaldehydemission: godkänd. Emission av andra skadliga ämnen: godkänd • IT: Emissione di formaldeide: superato. Emissione di altre sostanze pericolose: superato • ES: Emisión de formaldehído: conforme. Emisión de otras sustancias peligrosas: conforme • CH: 甲醛释放量: 合格. 其他有害物质的释放: 合格
LE-ES001 EN 15102:2007+A1:2011 WTN 48149070 C-s1.d0	
D: Formaldehydabgabe: bestanden. Abgabe anderer gefährlicher Substanzen: bestanden • GB: Release of formaldehyde: passed. Release of other hazardous substances: passed • F: Émission de formaldehyde: test réussi. Émission d'autres substances dangereuses: test réussi • NL: Vrijkomen van formaldehyde: geslaagd. Vrijkomen van andere gevaarlijke stoffen: geslaagd • DK: Emission af formaldehyd: bestået. Emission af andre farlige stoffer: bestået • HU: Formaldehid-kibocsátás: megfelelt. Egyéb veszélyes	



*Vlieskleber • Colle de dispersion • Dispersielijm • Dispersion adhesive

Verarbeitungshinweise auf der Rückseite!

Report of the classification of the reaction to fire performance

No. 230008666-3

issued 29 October 2012

English version

Sponsor

Erfurt & Sohn KG
Hugo-Erfurt-Straße 1

42399 Wuppertal
DEUTSCHLAND

Order

Classification of the reaction to fire behaviour according to DIN EN 13501-1

Date of order:

17 September 2012

Name of the classified building product:

Printed digital non-woven, tested with water based pigment ink of HP, Canon and Epson

This report determines the classification of the above mentioned building product in accordance with the procedure given in DIN EN 13501-1 "Fire classification of construction products and building elements – Part 1: Classification using data from reaction to fire tests; German version EN 13501-1: 2007+A1:2009", edition January 2010.

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This classification report consists of 4 pages.

1. Description of the building product

Printed digital non-woven, printed with Canon ink, HP ink and Epson ink (water based pigment ink).

Thickness: 0.3 mm

Weight per unit area: 220 g/m²

2. Test reports and test results, which form the basis of the classification

2.1 Test reports

Name of the laboratory	Sponsor	Number of the test reports	Test procedure
MPA NRW	Erfurt & Sohn KG Hugo-Erfurt-Straße 1 42399 Wuppertal Germany	230008666-1 of 29.10.2012	DIN EN 13823
MPA NRW	Erfurt & Sohn KG Hugo-Erfurt-Straße 1 42399 Wuppertal Germany	230008666-2 of 29.10.2012	DIN EN ISO 11925-2

2.2 Test results

Test procedure	Number of tests	Parameter	Test results	
			Continuous parameter average values	Discrete parameter
DIN EN 13823	3	FIGRA _{0,2} (W/s)	80.0	--
		THR _{600s} (MJ)	1.8	--
		LFS < outer edge	--	Yes
		SMOGRA (m ² /s)	0.0	--
		TSP _{600s} (m ²)	21.0	--
		Burning droplets / particles (s)	0	--

Test procedure	Number of tests	Parameter	Test results	
			Continuous parameter average values	Discrete parameter
DIN EN ISO 11925-2	6 x K and 6 x F	F _s ≤ 150 mm	--	Yes
		Burning droplets / particles	--	No

Remark: K = tested with flames exposed to the edge, F = tested with flames exposed to the surface

3. Classification and direct field of application

3.1 Reference

The classification was carried out in accordance with the clauses 11 and 14.1 of the standard DIN EN 13501-1-:2010.

3.2 Classification

The tested material in relation to its fire behaviour is classified as: **B**

The additional classification regarding the smoke production is: **s1**

The additional classification regarding burning droplets / particles is: **d0**

This results in a classification of the reaction to fire behaviour of the tested material:

Fire behaviour	Smoke production	Burning droplets / particles
B	s1	d0

i.e. **B – s1, d0**

3.3 Field of application of the product

The classification is solely valid for the product described in clause 1 for the following fields of application:

- Glued onto substrates made of gypsum boards or onto substrates classified as A1 or A2-s1, d0 with a thickness of at least 12.0 mm and a density of at least 525 kg/m³.
- It has to be used the adhesive "Erfurt Vlieskleber" for the gluing with an applied amount (in wet condition) of 350 g/m².

4. Restrictions

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

This classification report written in English language is issued additionally to the report written in German language with the same report number. In case of doubt the German version is valid solely. This classification report is only valid in combination with the German version of the report.

Erwitte, 29 October 2012



Dipl.-Ing. Rademacher
Head of the testing body



Date of issue of this English version: 21 November 2012