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Presentación de Certificaciones WINCELL

Wincell®



Espuma Elastomerica Wincell





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FM Approvals Class: 492, para uso en cañerías y ductos aislados (USA)

	Certificate of Compliance This certificate is issued for the following: Class 0 Wincell, Class 1 Wincell, WF Wincell, Yinsheng A-Flex and Wincell Sheet Insulations Prepared for: Wincell Insulation Co., Ltd. No.118 Chengjiang West Road, Taixing Economic Development Zone, Jiangsu, China FM Approvals Class: 4924 Approval Identification: 3051716 / RR226774 Approval Granted: 2/5/2021 To verify the availability of the Approved product, please refer to www.approvalguide.com Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, online resources of FM Approvals.  _____ Phillip J. Smith VP - Manager of Materials FM Approvals 1151 Boston-Providence Turnpike Norwood, MA 02062
	

Certificado emitido por Factory Mutual, donde aprueba bajo la clase 4924 “Para uso en cañerías y ductos aislados”

<https://www.fmaprovals.com/Certification-Services/Certification-Benefits/fm-approved-pipe-and-duct-insulation>



GREENGUARD GOLD



Wincell Insulation

See product list below

UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

Product tested in accordance with UL 2811 test method to show compliance to emission limits on UL 2818, Section 7.1 and 7.2. Commercial furniture and furnishings are tested in accordance with ANSI/BIFMA M7.1-2011 and determined to comply with ANSI/BIFMA X7.1-2011 and ANSI/BIFMA X9-2014e. Credit 7.6.1, 7.6.2, and 7.6.3. Panel based workstations are modeled in the open plan environment. Casework systems and individual furniture items are modeled in the private office environment. Seating products are modeled in the seating environment. Classroom furniture is modeled using the standard classroom model in the California Department of Public Health (CDPH) Standard Method v2.1.

Building Products are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.1-2010, using the applicable exposure scenario.

UL GREENGUARD Certified Products Listing

Product Name	Certification	Status	Certificate Number	Certification Period	Restrictions
Wincell-W1T - level 1 tube	GREENGUARD Gold Certified	Certified	58900-420	07/10/2014-06/05/2021	
Wincell-W1S 1 level Sheet	GREENGUARD Gold Certified	Certified	58901-420	07/10/2014-06/05/2021	
Wincell-W0S - level 0 sheet	GREENGUARD Gold Certified	Certified	58902-420	07/10/2014-06/05/2021	
Wincell-W0S - level 0 sheet	GREENGUARD Gold Certified	Certified	58903-420	07/10/2014-06/05/2021	
Wincell-WSC - color sheet	GREENGUARD Gold Certified	Certified	58904-420	07/10/2014-06/05/2021	
Wincell-WTC - color tube	GREENGUARD Gold Certified	Certified	58905-420	07/10/2014-06/05/2021	
Wincell-WSP - supporting sheet	GREENGUARD Gold Certified	Certified	58906-420	07/10/2014-06/05/2021	
Wincell-WTP - supporting tube	GREENGUARD Gold Certified	Certified	58907-420	07/10/2014-06/05/2021	
Wincell-W1TF - grade 1 tube	GREENGUARD Gold Certified	Certified	58908-420	07/10/2014-06/05/2021	
Wincell-W1SF - grade 1 composite sheet	GREENGUARD Gold Certified	Certified	58909-420	07/10/2014-06/05/2021	
Wincell-W0SF - zero order composite panels	GREENGUARD Gold Certified	Certified	58910-420	07/10/2014-06/05/2021	

"Underwhite Laboratories" certifica que el material da cumplimiento a la UL 2818 (Programa de Certificación de Emisiones Químicas para Materiales de Construcción, Acabados y Mobiliario)

<https://www.ul.com/services/ul-greenguard-certification>



Certificado UL para componentes plásticos

CERTIFICATE OF COMPLIANCE

Certificate Number 20190722-E319654
Report Reference E319654-20180831
Issue Date 2019-JULY-22

Issued to: Wincell Insulation Co Ltd
No.3, West Chengjiang 1st Rd.
Taixing Economic Development Zone
Taixing, Jiangsu 225441 CHINA

This certificate confirms that
representative samples of

COMPONENT - PLASTICS
Polyvinylchloride/Nitrile Rubber (PVC/NBR) - B-13-1

Have been investigated by UL in accordance with the
component requirements in the Standard(s) indicated on
this Certificate. UL Recognized components are incomplete
in certain constructional features or restricted in
performance capabilities and are intended for installation in
complete equipment submitted for investigation to UL LLC.

Standard(s) for Safety: "For standard information please visit UL iQ Plastics
Database"
(<https://my.secure.home1.ul.com/portal/page/portal/usa/iQ/iQWelcome>)

Additional Information: See the UL Online Certifications Directory at
<https://iq.ulprospector.com> for additional information.

This *Certificate of Compliance* does not provide authorization to apply the UL Recognized Component Mark. Only
the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified
and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.

Bruce Mahrenholz, Director North American Certification Program

UL LLC

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contact a local UL Customer Service Representative at <http://ul.com/about/locations/>



**UL 94-2013 (Fuego)****TEST REPORT**

No. : SHIN1911079817MR

Date : Nov 26, 2019

Page: 1 of 6



CUSTOMER NAME: WINCELL INSULATION COMPANY.,LTD.
ADDRESS: NO.3, WEST CHENGJIANG 1ST RD. TAIXING ECONOMIC
DEVELOPMENT ZONE, JIANGSU, CHINA

Sample Name : RUBBER INSULATION MATERIALS

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

SGS Ref. No. : 14876380

Date of Receipt : Nov 11, 2019

Testing Start Date : Nov 11, 2019

Testing End Date : Nov 26, 2019

Test result(s) : For further details, please refer to the following page(s)
(Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

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

Xia Hai
Authorized signatory

TEST REPORT

No. : SHIN1911079817MR

Date : Nov 26, 2019

Page: 2 of 6

Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Vertical Burning	UL 94-2013 Rev.9-2018 Section 9	Classification: 5VA	Pass

Note: Pass : Meet the requirements;
Fail : Does not meet the requirements;
/ : Not Apply to the judgment.



AS/NZS 1530.3:1999 (R2016) (Fuego)



TEST REPORT

No. : SHIN1609049594PS
 Date : Oct 14, 2016
 Page: 2 of 4

Test Item:
 AS/NZS 1530.3:1999 Methods for fire tests on building materials, components and structures Part 3: Simultaneous determination of ignitability, flame propagation, heat release and smoke release

I. Test conducted
 This test was performed in accordance with "AS/NZS 1530.3:1999 Methods for fire tests on building materials, components and structures Part 3: Simultaneous determination of ignitability, flame propagation, heat release and smoke release."

II. Sample details

Description	INSULATION MATERIAL
Color / Density	Black / About 1.15kg/m ³
Thickness	20mm
Sample Dimension	600mm×450mm

	Temperature (°C)	Humidity (%)	Duration (d)
Conditioning	20±2°C	65±5%	7

Note: The specimens shall be conditioned to constant mass (see ISO 291)

Mounting or fixing method for test sample:
 Using fibre-reinforced cement board as substrate, hold the sample and substrate against the specimen support frame by using the specimen clamping ring. No joint in the specimen.



SGS (Shanghai) Inspection & Testing Services Co., Ltd.
 1600 Jiao Xue Road, Songjiang District, Shanghai 201311
 中国·上海·浦东新区五洲1108号02室 邮编: 201311

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Information: To view the authenticity of testing inspection report & certificate, please contact us at telephone: 800-720-0207/1660, or email: sgs@sgsgroup.com

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Norma australiana sobre comportamiento al fuego de materiales de construcción.

https://infostore.saiglobal.com/en-us/Standards/AS-NZS-1530-3-1999-R2016--117636_SAIG_AS_AS_246269/

British Standard 476: Part 6 (Fuego)




中国认可
国际互认
检测
TESTING
CNAS L8069



Test Report

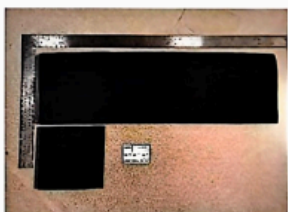
Report No. TC.22.04.001961

Date of Issue 05/09/2022

Applicant: Wincell Insulation Co.,Ltd.

Applicant address: NO.118 Chengjiang West Rd., Taixing Economic Development

Description of the test subject:

Sample	Description	Photo
001	Sample Description: Rubber plastic insulation material Style No.: 20mm Manufacturer: Wincell Insulation Co.,Ltd.	

Receipt Date of Sample: 04/27/2022

Date of Testing: From 04/27/2022 to 05/06/2022

Sample Submitted: The sample(s) was (were) submitted by applicant and identified.

Conclusion:

Test Items			Conclusion
No.	Items	Standard	
1	Fire tests on building materials and structures Part 6: Method of test for fire propagation for products	The Building Regulations 2010 Fire safety Approved Document B BS 476-6:1989+A1:2009	Class 0
2	Fire tests on building materials and structures Part 7: Method of test to determine the classification of the surface spread of flame of products	The Building Regulations 2010 Fire safety Approved Document B BS 476-7:1997(R2016)	

Note: (1) The TÜV SÜD SW Rail Transportation Technology (Jiangsu) Co., Ltd. General Terms & Conditions applied, for full content please visit <https://www.tuv-sud.com/terms-and-conditions>. (2) The results relate only to the sample(s) as received. (3) The test report shall not be reproduced except in full without the written approval of the company.

Laboratory:
TÜV SÜD SW Rail Transportation Technology (Jiangsu) Co., Ltd.



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www.tuv-sud.com

Regd. Office:
Innovative Industry Park, No. 377 Wuyinan Road,
National High and New Technology & Industry
Development Zone, Wujin, 213015 P.R. China

Page 1 of 4

Estándar británico de comportamiento al fuego

<https://www.firesafe.org.uk/british-standard-476-fire-tests/>

EN 14304: 2009+A1: 2013 (Comunidad Europea)(Fuego)

TUŠS

Notifikovaná osoba č. 1301
TECHNICKÝ A SKÚŠOBNÝ ÚSTAV STAVEBNÝ, n. o.
 BUILDING TESTING AND RESEARCH INSTITUTE
 Studená 3, 621 04 Bratislava, Slovenská republika

Certificate of constancy of performance
1301 – CPR – 1153

In compliance with Regulation (EU) No 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product

Thermal insulation products (sheets and tubes) of flexible elastomeric foam (FEF),
 trade name **Wincell**
Sheet Wincell – Reaction to fire: Euroclass CL – s3, d0
Tube Wincell – Reaction to fire: Euroclass BL – s3, d0

with the intended use as thermal insulation for building equipment and industrial installations.

Placed on the market under the name of
Wincell Insulation Co., Ltd.
 No. 18-28, Tongjiang Road, Taizhou city, Jiangsu Province
 China

and produced in the manufacturing plant
Wincell Insulation Co., Ltd.
 No. 18-28, Tongjiang Road, Taizhou city, Jiangsu Province
 China

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard

EN 14304: 2009+A1: 2013

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

constancy of performance of the construction product

concerning the reaction to fire.

This certificate was first issued on 29. March 2016 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

Bratislava, 29 March 2016

- 1 -
 Notifikovaná osoba 1301

Dipl. Ing. Daša Kozáková
 Head of Notified Body 1301

076760

Características principales	Rendimientos	Test Estándar	Norma técnica armonizada
Reacción al fuego	E	EN 13501	EN 14304:2009+A1:2013
Índice de absorción acústica	NPD	-	
Resistencia térmica	$\lambda(0^{\circ}\text{C})$ (Declarado)= 0,036 W/m ² K $\lambda(40^{\circ}\text{C})$ (Declarado)=0,04 W/m ² K	EN 13787	
Permeabilidad al agua	WS <0,1%	EN 13472	
Permeabilidad al vapor de agua μ	7000	EN 12086	
Ratio de liberación de sustancias corrosivas	Cl<500ppm; pH=7±0,5	EN 13468	
Temperatura mínima de trabajo (Duración de la Resistencia térmica frente al envejecimiento/degradación)	0°C	-	
Temperatura máxima de trabajo (Duración de la Resistencia térmica frente a la alta temperatura)	110°C	EN 14706 EN 14707	

ASTM E84-2017 (Fuego)



Test Report

No. AJFS1711010695FF

Date: DEC.15, 2017

Page 1 of 6

WINCELL INSULATION CO., LTD

NO.18-28 TONGJIANG ROAD, TAIXING, JIANGSU, PRC

The following sample(s) was / were submitted and identified on behalf of the client as:

Sample Description: NBR RUBBER INSULATION MATERIAL**SGS Ref No.:** 13854241

Test Requested:

To determine the flame spread index (FSI) and smoke-developed index (SDI) of the sample's surface burning characteristics when it is subjected to the conditions of specified in ASTM E84-2017 "Standard Test Method for Surface Burning Characteristics of Building Materials"

Test Results: -- See attached sheet --

Test Period:

Sample Receiving Date : NOV.28, 2017

Test Performing Date : NOV.28, 2017 TO DEC.13, 2017

Signed for and on behalf of
SGS-CSTC Co., Ltd. Anji Branch



Allen Zou
Technical Manager



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Member of the SGS Group (SGS SA)

Método de prueba estándar características de combustión superficial de los materiales de construcción

ASTM G21-09 (Resistencia a los hongos)

SGS

TEST REPORT

No. : SP100804429
Date : Sept.21,2010
Page: 2 of 4

SAMPLE DESCRIPTION: Black flakes

1. Antimicrobial activity test

TEST METHOD(S):
ASTM G 21-09 Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi

TEST ORGANISM(S):
Aspergillus niger ATCC9642, *Penicillium pinophilum* ATCC11797, *Aureobasidium pullulans* ATCC15233, *Chaetomium globosum* ATCC6205, *Glucocladium virens* ATCC9645

TEST RESULT(S):

Test Sample	Concentration of spores (spores /mL)	Level (after 28 days)
<i>Aspergillus niger</i> ATCC9642	1.0x10 ⁸	0 Grade
<i>Penicillium pinophilum</i> ATCC11797		
<i>Aureobasidium pullulans</i> ATCC15233		
<i>Chaetomium globosum</i> ATCC6205		
<i>Glucocladium virens</i> ATCC9645		

Note: According to ASTM G 21-09 Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi, observed fungi growth rating on the specimens include:

0 –None
1 –Traces of growth (less than 10%)
2 –Light growth (10 to 30%)
3 –Medium growth (30 to 60%)
4 –Heavy growth (60% to complete coverage)

***** To be continued*****

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SHML 206851

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sgs.china@sgs.com

ASTM G21-09 Práctica estándar para determinar la resistencia de los materiales poliméricos sintéticos a los hongos.



PROYECTOS EMBLEMÁTICOS WINCELL

NORTE

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Cesfam Copiapó
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Data center Google
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Hospital San Carlos de Ancud
Hospital San Agustín Collipulli
Aeropuerto el Tepual
PDI Osorno
Juzgado de Chillán
Hotel Termas de Chillán
Cesfam Thomas Fenton Punta Arenas

