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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)



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

<https://www.fmaprovals.com/products-we-certify/understanding-the-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 2818 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 49-2014. 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 v2.2.

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-W0C - color sheet	GREENGUARD Gold Certified	Certified	58904-420	07/10/2014-06/05/2021	
Wincell-W0C - color tube	GREENGUARD Gold Certified	Certified	58905-420	07/10/2014-06/05/2021	
Wincell-W0P - supporting sheet	GREENGUARD Gold Certified	Certified	58906-420	07/10/2014-06/05/2021	
Wincell-W0P - 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://standardscatalog.ul.com/standards/en/standard_2818_1



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.

B. Mahholz

Bruce Mahrenzholz, Director North American Certification Program

UL LLC

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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.



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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)



Test Report

No. AJFS1801000884FF

Date: FEB.01, 2018

Page 1 of 7

WINCELL INSULAITON 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: RUBBER INSULATION MATERIALS

SGS Ref No.: 13954075

Test Requested:

1. BS 476 Part 6:1989+A1:2009 *Incorporating Corrigendum No.1:2014* "Fire tests on building materials and structures Part 6: Method of test for propagation for products".
2. BS 476 Part 7:1997 *Incorporating Corrigendum No.1:2014* "Fire tests on building materials and structures Part 7: Method of test to determine the classification of the surface spread of flame of products".

Test Results: -- See attached sheet --

Test Period:

Sample Receiving Date : JAN.25, 2018

Test Performing Date : JAN.25, 2018 TO JAN.29, 2018

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

Allen Zou
Technical Manager



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Estándar británico de comportamiento al fuego

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



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

TSUG

Notifikovaná osoba č. 1301
TECHNICKÝ A SKÚŠOBNÝ ÚSTAV STAVEBNÝ, n. o.
 BUILDING TESTING AND RESEARCH INSTITUTE
 Studená 3, 821 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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ASTM G21-09 (Resistencia a los hongos)



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, *Gliocladium 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>Gliocladium 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

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



PROYECTOS EMBLEMÁTICOS WINCELL

NORTE

- Hospital Alto Hospicio
- Hospital La Serena
- Hotel NH Iquique
- Cesfam Altiplano Norte
- Cesfam Copiapó
- Cesfam Vallenar Sur

CENTRO

- Nuevo Aeropuerto de Santiago
- Hospital Félix Bulnes
- Hospital San José de Melipilla
- Clínica Indisa Maipú
- Hospital Higuera
- Data center Sonda
- Data center Google
- Cesfam Matta Sur, Santiago
- CCU Santiago
- Hotel Ibis
- Hospital Curicó
- Hotel Hyatt Viña Del Mar

SUR

- Hospital Villarrica
- 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

