

# APLUS Quality Management and Environment Certificates

ENVIRONMENT



# Greenguard

The **GREENGUARD Environmental Institute** aims to protect human health and improve quality of life by enhancing indoor air quality and reducing people's exposure to chemicals and other pollutants. As an ISO-IEC Guide 65:1996 accredited, third-party organization, the GREENGUARD Environmental Institute (GEI) certifies products and materials for low chemical emissions and provides a resource for choosing healthier products and materials for indoor environments. All certified products must meet stringent chemical emissions standards based on established criteria from key public health agencies. GREENGUARD Certification is broadly recognized and accepted by sustainable building programs and building codes worldwide.

Website address: [www.greenguard.org](http://www.greenguard.org)

APLUS has been awarded **GreenGuard Indoor Air Quality** certificate and **Children&Schools** certificate.

GREENGUARD ENVIRONMENTAL INSTITUTE

CONGRATULATES

*Ningbo Xianfeng New Material Co., Ltd*

FOR ACHIEVING GREENGUARD CERTIFICATION

FOR LOW EMITTING PRODUCTS AND MATERIALS

UNDER THE STANDARDS OF THE INSTITUTE.



*April 2011-April 2012*

CERTIFICATION DATE

90355

CERTIFICATION NUMBER

*Nausha Steele, PhD*  
EXECUTIVE OFFICER

FOR DISPLAY PURPOSES ONLY

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*Marilyn Rose PHD*

EXECUTIVE OFFICER

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## OEKO-TEX Standard 100

Confidence in textiles – this has been the motto of the independent test institutes of the International Oeko-Tex® Association since 1992, with their tests for harmful substances according to Oeko-Tex® Standard 100 for textile products of all types which pose no risk whatsoever to health. For companies in the textile and clothing industry, the Oeko-Tex® criteria catalogue provides for the very first time a uniform, scientifically founded evaluation standard for the human ecological safety of textiles, against the background of the globalized and extremely fragmented nature of the textile manufacturing chain.

Website address: [www.oeko-tex.com](http://www.oeko-tex.com)



### Oeko-Tex® Standard 100

The tests for harmful substances comprise substances which are prohibited or regulated by law, chemicals which are known to be harmful to health and parameters which are included as a precautionary measure to safeguard health.



# CERTIFICATE

**TESTEX AG, Swiss Textile Testing Institute**

Gotthardstrasse 61  
 CH-8027 Zürich

Institute of the International Association for Research  
 and Testing in the Field of Textile Ecology



The company

**Ningbo Xianfeng New Material Co., Ltd.**

Shanxia Village  
Jishigang Town  
Yinzhou District  
CN - 315127 Ningbo

is granted authorisation according to Oeko-Tex® Standard 100 to use the Oeko-Tex® mark, based on **test report SHWO 075164.2**



**Tested for harmful substances**  
 according to Oeko-Tex® Standard 100  
 SHWO 067744 TESTEX

for the following articles:

**Sunscreen woven fabric made of polyvinylchloride/polyester, in colour white and grey (based on material partly pre-certified according to Oeko-Tex® Standard 100)**

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

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 EN ISO 17050-1, is obliged to use the Oeko-Tex® mark only in conjunction with products that are conform with the sample initially tested.

**This authorization is valid until 31.03.2012**

Zurich, 06.07.2011




**Serge Rolle**  
CEO



**Dr. Jean Pierre Haug**  
COO

## Ecospecifier

**Ecospecifier** Australasia is a knowledge base of over 6000 eco-products, eco-materials, technologies and resources, the leading global source of sustainable development & life-cycle assessed green product information. Linking independent information with a powerful search interface, ecospecifier does materials research for companies, delivering innovative sustainable product solutions with unique difference.

Website address: [www.ecospecifier.com.au](http://www.ecospecifier.com.au)



**Ecospecifier** certificate states that APLUS products:

- exhibit one or more eco or health preferable characteristic compared to other products in their category;
- are the member of a product category that is in itself an eco or health preferred category; and
- they do not contain 'significant' ecological or health damaging content.

## Cetec

CETEC Pty Ltd is a technical risk management consultancy. It focuses on reducing risk and providing solutions to companies. Its business was founded in 1987, gaining a name - Consulting Enterprises in technology. CETEC provides companies with information, solutions, independent recommendations and strategy to minimize and manage their technical or scientific risks.

Website address: [www.cetec-foray.com.au](http://www.cetec-foray.com.au)



APLUS constantly consults with CETEC for better management its environmental risks. Thanks to mutual cooperation APLUS environmental and health security standards are sustainably improving.



## SGS

SGS is the world's leading inspection, verification, testing and certification company. They are recognized as the global benchmark for quality and integrity. With more than 67,000 employees, they operate a network of more than 1,250 offices and laboratories around the world.

Website address: [www.sgs.com](http://www.sgs.com)



SGS independent tests proved that APLUS fabrics are free of any heavy metal elements like: Arsenic, Cadmium, Cobalt, Chromium, Nickel, Lead, Copper, Antimony, Mercury and other health hazardous substances.



### Test Report

No: SHFDO110713515FDE.2

Date: Jul 26 2011

Client name: NINGBO XIANFENG NEW MATERIAL CO., LTD

Client address: SHANXIA VILLAGE JISHIGANG TOWN YINZHOU DISTRICT NINGBO 315127, CHINA

The following sample(s) was/were submitted by/ on behalf of the client as (except SGS Reference No. & SGS Job No. & Date of receipt & Testing period):

Sample name: APLUS PVC Polyester Screen

Batch No./Date: /

Manufacturer: NINGBO XIANFENG NEW MATERIAL CO., LTD

SGS reference No.: NBFDO110600249FD

SGS job No.: SHFDO110713515FD

Date of receipt: Jul 06 2011

Testing period: Jul 06 2011 ~ Jul 25 2011

### TEST(S) REQUESTED:

Selected test(s) as requested by applicant:  
Antifungal activity test

### TEST METHOD(S):

Refer to AATCC Test Method 30-2004 Antifungal activity, Assessment on Textile Materials: Mildew and Rot Resistance of Textile Materials - Test III: Agar Plate: *Aspergillus Niger*

### TEST ORGANISMS:

*Aspergillus Niger* ATCC 6275

### TEST RESULT(S):

Please refer to next page

**Remark:** This test report is in English and maybe translated into other languages, The English version shall prevail.

Signed for and on behalf of SGS

.....Amy Gan.....  
Authorized Signature

Page 1 of 2

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Testing Center, Shanghai

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Member of the SGS Group (SGS SA)

# SGS

Test Report

No: SHFDO110713515FDE.2

Date: Jul 26 2011

## TEST RESULT(S):

Test sample	Concentration of Spores (Spores/mL)	Fungal growth level on the test discs (7 days)
Treated sample	1.0x10 <sup>6</sup>	1 (The percentage of surface area of the discs covered with the growth of <i>Aspergillus Niger</i> : 0 %)
Control sample		3 (The percentage of surface area of the discs covered with the growth of <i>Aspergillus Niger</i> : 100 %)

Remark: According to AATCC Test Method 30-2004 Antifungal activity, Assessment on Textile Materials: Mildew and Rot Resistance of Textile Materials - Test III: Agar Plate: *Aspergillus Niger*, fungal growth levels include:

Level 1= No growth

Level 2= Microscopic growth (visible only under the microscope)

Level 3= Macroscopic growth (visible to the eye)

The control sample is sterilized filter paper provided by SGS lab.

**SAMPLE DESCRIPTION:** White flake in bag



\*\*\* End of Report\*\*\*

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SGS Standards Technical Service (Shanghai) Co., Ltd.  
Testing Center

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Member of the SGS Group (SGS SA)



## QUALITY MANAGEMENT SYSTEM CERTIFICATE

Certificate No:05610Q20003R0M

We hereby certify that  
**Ningbo Xianfeng New Material Co.,Ltd.**  
(Subsidiary Company: Zhejiang Suntarget New Material Co., Ltd.)  
ADDRESS:Shanxia Village Jishigang Town Yinzhou District, Ningbo City, Zhejiang Province POST CODE: 315127

By reason of its  
Quality Management System has been awarded this certificate  
for compliance with the standards

**GB/T19001:2008 idt ISO9001:2008**

The Quality Management System applies in the following scope:

The design & development and production management activities of  
fiberglass sunscreen fabric, PET /PVC composite awning fabric,  
PVC coated fabric for membrane structure, PVC coated polyester shade

Date of Issue: February 10, 2010

Date of Expiry: February 9, 2013

Issued by:

*Zhu Jun*



MANAGEMENT SYSTEM  
CNAS C056-Q

**ZHEJIANG HUANKE CERTIFICATION CENTER FOR ENVIRONMENT**  
111#, Tianmushan Road, Hangzhou City







# ISO14001 CERTIFICATE

Certificate No: 05610E20016R0M

We hereby certify that

**Ningbo Xianfeng New Material Co.,Ltd.**  
(Subsidiary Company: Zhejiang Suntarget New Material Co., Ltd.)

ADDRESS: Shanxia Village Jishigang Town Yinzhou District, Ningbo City, Zhejiang Province

By reason of its

POST CODE: 315127

**Environmental Management System**

has been awarded this certificate for  
compliance with the standards

## ISO14001:2004

The Environmental Management System applies in the following scope:

The production and management activities of fiberglass sunscreen fabric, PET / PVC composite awning fabric in Ningbo Xianfeng New Material Co., Ltd. located in Shanxia village, Jishigang town, Yinzhou District, Ningbo City, Zhejiang Province and PVC coated fabric for membrane structure, PVC coated polyester shade in Zhejiang Suntarget New Material Co., Ltd. located in Jiaxing City, Zhapu Town 616 Dongfang Road, Room No. 1.

Date of Issue: February 10, 2010

Date of Expiry: February 9, 2013

Issued by:

*Zhu Jun*



MANAGEMENT SYSTEM  
CNAS C056-E

ZHEJIANG HUANKE CERTIFICATION CENTER FOR ENVIRONMENT  
111#, Tianmushan Road, Hangzhou City







# OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEM CERTIFICATE

Certificate No:05610S10001R0M

We hereby certify that  
**Ningbo Xianfeng New Material Co.,Ltd.**  
(Subsidiary Company: Zhejiang Suntarget New Material Co., Ltd.)  
ADDRESS: Shanxia Village Jishigang Town Yinzhou District, Ningbo City, Zhejiang Province POST CODE: 315127

By reason of its  
Occupational Health and Safety Management System has been awarded  
this certificate for compliance with the standards

**GB/T28001:2001 idt OHSAS18001:1999**

The Occupational Health and Safety Management System applies in the following scope:

The production and management activities of fiberglass sunscreen fabric, PET / PVC composite awning fabric in Ningbo Xianfeng New Material Co., Ltd. located in Shanxia village, Jishigang town, Yinzhou District, Ningbo City, Zhejiang Province and PVC coated fabric for membrane structure, PVC coated polyester shade in Zhejiang Suntarget New Material Co., Ltd. located in Jiaying City, Zhapu Town 616 Dongfang Road, Room No. 1.

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