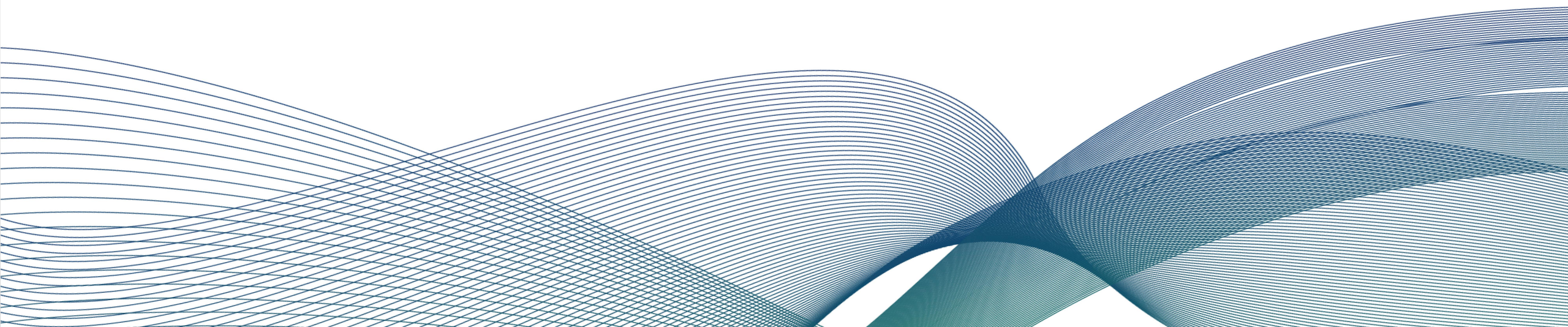


一门心思 做好窗

Brief Introduction

Hunan Greensee Doors and Windows Curtain wall Co.,Ltd





Greensee

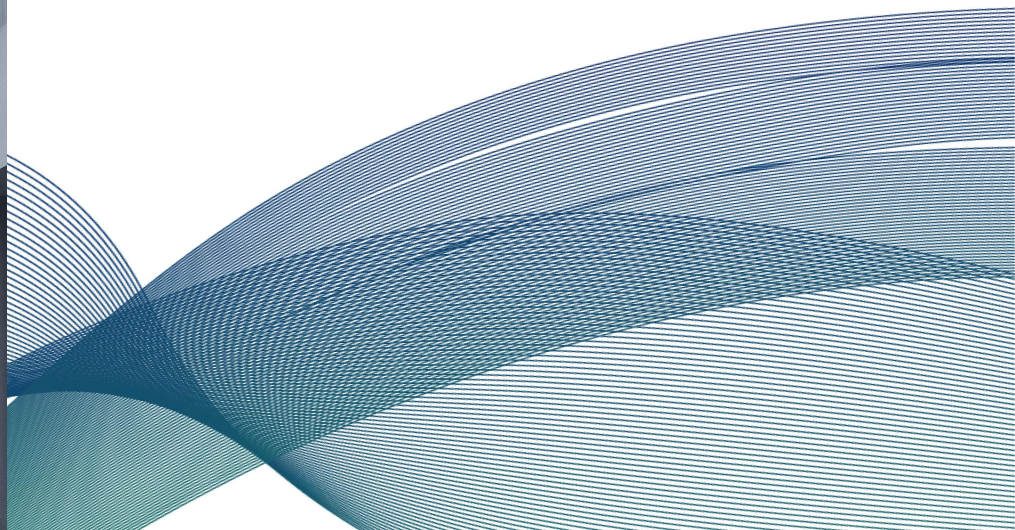
Window • Construction • Live

Architecture, in an invisible way, Affects our lives and the future of the next generation

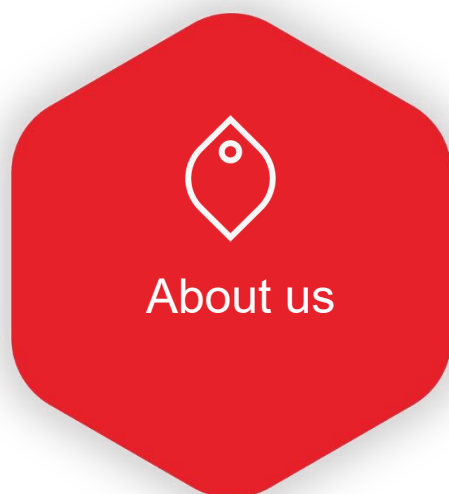
Good door and window products not only consider the doors and windows themselves

And it should be the system that considers health, comfort, green, and optimal configuration and space

Welcome into the Greensee



Contents



Company Introduction

Hunan Greensee Doors and Windows Curtain Wall Co., Ltd. was established in 2001. It is a national high-tech enterprise that integrates the design and development, production and manufacturing, marketing services, installation and after-sales service of system doors and windows, curtain walls, and sunlight rooms.

Over the past 23 years, we have cultivated a senior professional R&D team and installation service team, and established an enterprise technology R&D center, serving over 50000 households annually and providing a one-stop five-star service experience to end users.

As a representative of high-end system doors and windows in China, Greensee has traveled around the world and integrated the world's top doors and windows industry chain resources. Based on this, our company launched international business in 2022. Currently, we mainly sell high-end product series, with core sales areas in the North American and European markets. At the same time, in order to meet different market demands, our company has also launched the 55 series with ultra-high cost-effectiveness for markets such as Africa and Southeast Asia based on more than 20 years of engineering experience.

A decorative graphic at the bottom of the page consisting of multiple overlapping, wavy lines in shades of blue and teal, creating a sense of motion and depth.

Concept of Product

Green

We have been striving to reduce the K-value of our products, reserve our products, and adhere to green production.

See

We strive to study the various applications of doors and windows in building facades, hoping that both indoors and outdoors can become a beautiful landscape in the building.



Livable

We customize according to customers' different characteristics such as floor, climate, age, and usage habits. I hope to bring users a higher sense of quality of life and happiness.

Intelligence

We actively study the safety intelligence, window intelligence, and shading intelligence of doors and windows, and link them with smart homes to look ahead to the future.

Digital Factory

Greensee



The lead time is reduced by 50%



35% reduction in energy consumption



MES Unmanned
Intelligent warehouse



Intelligent interactive flow production line

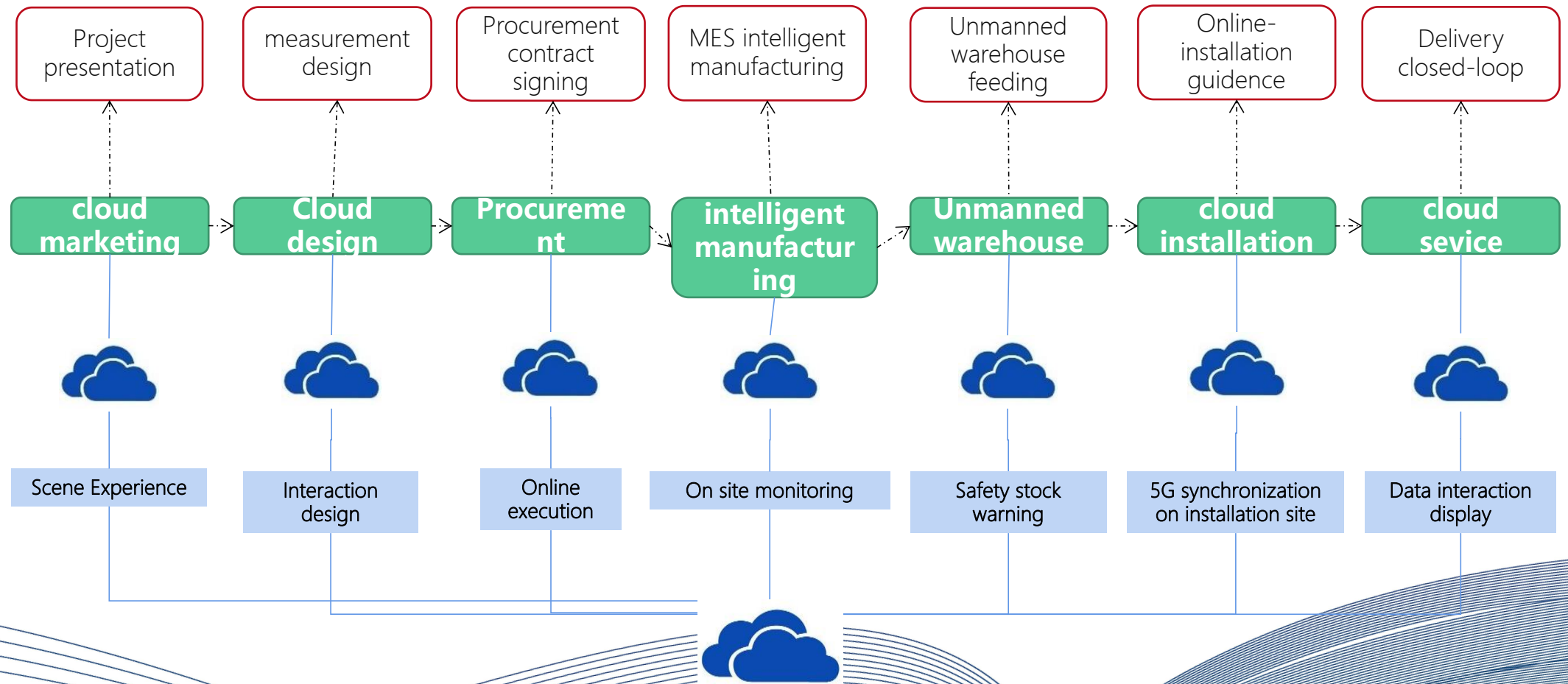


AI Robot

The system doors and windows have been implemented through the pilot demonstration project of "5G+artificial intelligence+blockchain empowering digital factory"

ERP System

GreenSee



Digital Factory Business Blueprint

Mass production + flexible customization



more than 23 years



It serves 50,000 families annually



Annual capacity of 1 million m2



Flexible product customization



Huge project experience

1. We have over 23 years of experience and production of aluminum alloy doors and windows related products, with excellent product quality and guaranteed craftsmanship.

2. Completed digital transformation in 2021, with an annual production capacity of up to 1 million square meters, capable of handling various overseas businesses.

3. All top door and window suppliers and enterprises around the world have deep cooperation and joint research and development. The product level is among the top in the world and can perfectly fulfill various customer order requirements.

4. The company has participated in the design, development, and production of over 100 large-scale project cases, with a R&D and design team of over 40 people. It has sufficient project engineering experience and the conditions to undertake the design and production of overseas large-scale engineering projects.

Awards/Honor

- National High-tech Enterprise
- National Green Factory
- Hunan Little-Gaint Enterprise
- Hunan province Enterprise
Level Techinca Center
- Hunan Province Intelligent
Manufacturing Demonstration
Base

- National Gold Award for Door
and Window Quality
- Top 10 Intelligent Doors and
Windows in China
- Founder of Chinese System
Doors and Windows
- Top Ten Brands of Chinese
System Doors and Windows
- Top 10 Enterprises in the
National System of Doors and
Windows

Greensee

23 years

一门心思 做好窗



Global Cooperation

国际

Sobinco

SOBINCO (比利时)

ENSINGER
ASK. THINK. SUCCEED.

ENSINGEN (德国)

SEMPERIT

SEMPERIT (德国)

WÜRTH

WURTH (德国)

AMIDDOLOGY

AMIDOLOGY (日本)

H.B. Fuller

H.B.Fuller (美国)

TIGER

TIGER (奥地利)

HOPPE

HOPPE (德国)

SIEGENIA AUBI
SOLUTIONS INSIDE

SIEGENIA (德国)

GU

G-U (德国)

Roto

ROTO (德国)

国内

新中亚

新中亚

廣亞

广亚

兴发铝材

兴发

AAG 亞鋁

亚铝

坚朗 KIN LONG

坚朗

合和建筑五金

合和

GoLking
國強五金

国强

ZHIJIANG

之江

SG

南玻

旗濱集團
K I B I N G

旗滨

耀皮集团
SYP GROUP

耀皮

白云

白云

Loyal Customer

GreenSee

 远大住工

 BROAD GROUP
远大科技集团

 运达集团

 Wode 旺德府

vanke 万科

 中海地产

 华润置地

 珠江实业集团

 绿城中国

 SNTOLand 晟通

 保利[®]地产

JINMAO 中国金茂

 百联集团

 湖南建投集团
HUNAN CONSTRUCTION INVESTMENT GROUP

 万众集团

 融科智地

Content



About us



Series of
Products



Project
Reference

Product Series

产品体系

Greensee





Greensee

55 Series Tilt & Turn Window

55 内开内倒窗

Technical Data:

Profile: 1.4mm Thermal break Aluminum alloy ;
Color: Outdoor deep grey/coffee ,Metal grey indoor
Glass: 5mm+15A+5mm Hollow tempered glass
Accessories: Italian import handle, SIEGENIA locking system
Insulation strip: Domestic brand ; width: 14.8mm
Opening method: Fixed, Tilt & Turn
Screen: Independent inward screen

Performance:

Water tightness: 700Pa
Air tightness: 2.0m³/ (m² * h)
Wind resistance: 2.8Kpa
Sound insulation: 35dB
Heat Insulation: 2.0W/m²K

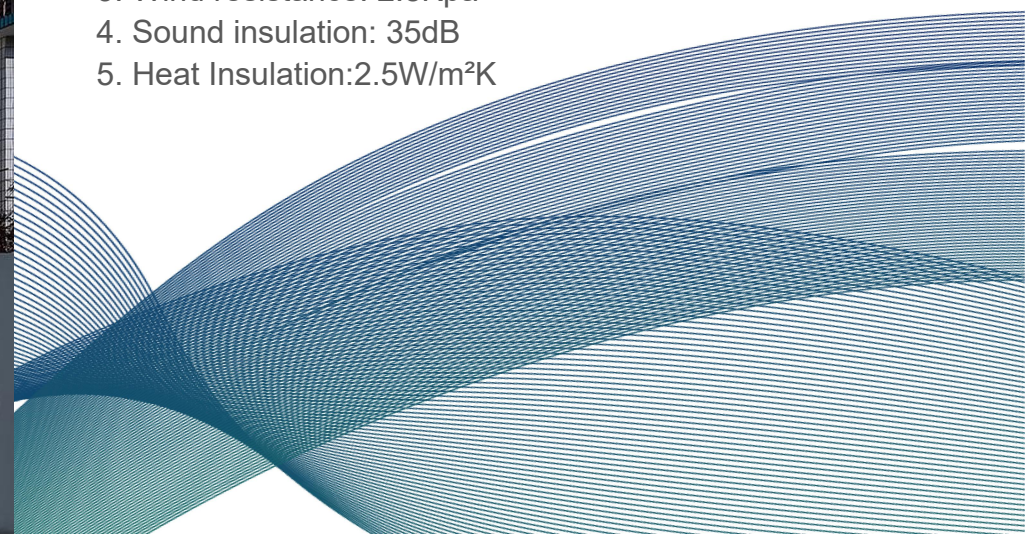
55 Series Outward Swing Window

55 外开窗

Technical Data:

Profile :1.4mm Thermal break Aluminium alloy
Color: Outdoor Deep grey/Coffee,Metal grey Indoor
Glass: 5mm+12A+5mm Hollow tempered glass
Accessories: Domestic brand handle, KIN LONG locking system
Insulation strip: Domestic brand ; width: 14.8mm
Opening method: Fixed, Tilt & Turn, Top-hung

Performance:

1. Water tightness: 700Pa
 2. Air tightness: 2.0m³/ (m² * h)
 3. Wind resistance: 2.8Kpa
 4. Sound insulation: 35dB
 5. Heat Insulation: 2.5W/m²K
- 

65 Series Tilt & Turn Window

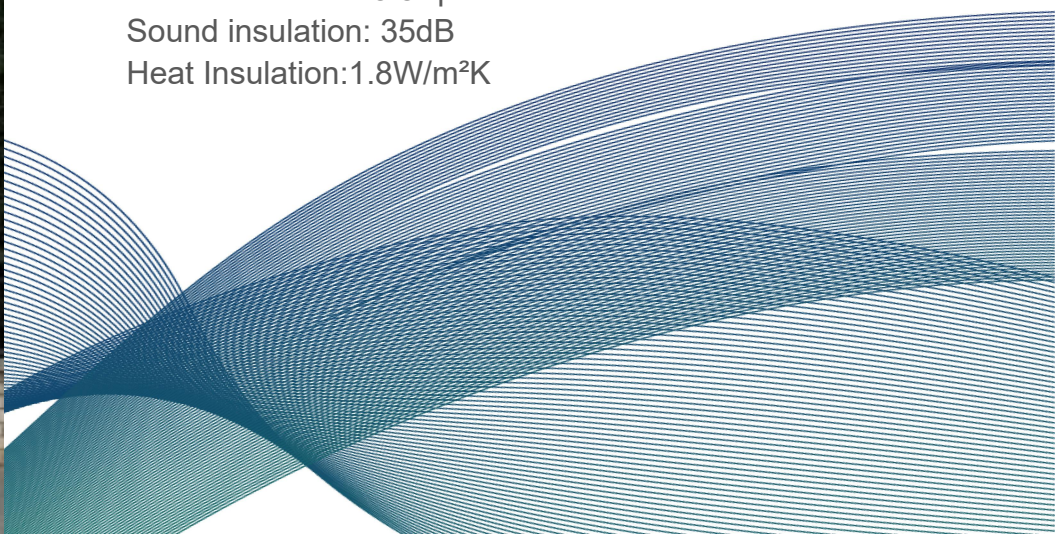
65 内开内倒窗

Technical Data:

Profile : 1.8mm Thermal break Aluminium alloy
Glass: 5mm+16A+5mm Hollow Tempered glass
Accessories: Italian import handle, SIEGENIA locking system
Insulation strip: Domestic brand ; width: 24mm
Opening method: Fixed,Tilt & Turn
Screen: Integrated inward screen.

Performance:

Water tightness: 900Pa
Air tightness: 1.5m³/ (m² * h)
Wind resistance: 3.5Kpa
Sound insulation: 35dB
Heat Insulation:1.8W/m²K

Decorative graphic element consisting of several overlapping, wavy blue lines that sweep across the bottom right corner of the page.

75 Series Tilt & Turn Window

75 内开内倒窗

Technical Data :

Profile thickness: 1.8mm Thermal break Aluminium alloy
Color: Outdoor Deep grey / Coffee, Metal grey Indoor
Glass: 5mm+12A+5mm+12A+5mm Hollow tempered glass
Accessories: Italian import handle, SIEGENIA locking system
Insulation strip : Domestic brand ; width: 34mm
Opening method: Fixed, Tilt & Turn
Screen: Integrated inward screen

Performance:

Water tightness: 900Pa
Air tightness: 1.0m³/ (m² * h)
Wind resistance: 3.8Kpa
Sound insulation: 40dB
Heat Insulation: 1.3W/m²K



Greensee

80 Series Outward Swing Window

80 外开窗

Technical Data:

Profile : 1.4mm Thermal break Aluminum alloy
Color: Outdoor Deep grey/Coffee ,Metal grey Indoor
Glass: 6mm+20A+6mm Hollow tempered glass
Accessories: Domesic brand hand operated window opener
Insulation strip: Domestic brand ; width: 39mm
Opening method: Fixed, outward, Top-hung
Screen : Intergrated fixed screen

Performance:

1. Water tightness: 700Pa
2. Air tightness: 2.0m³/ (m² * h)
3. Wind resistance: 2.8Kpa
4. Sound insulation: 35dB
5. Heat Insulation: 1.8W/m²K

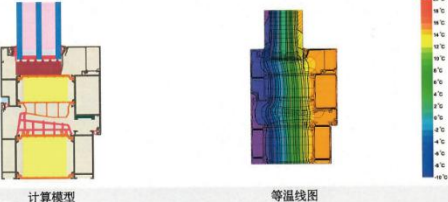
Passive Window

被动窗

1. German Authorization Certification of Passive construction
2. Insulation K Value: K Value lower than $0.8\text{W/m}^2\text{k}$
3. Water tightness: above 900Pa (exceeding the highest level of national standard)
4. Air tightness: up to $1.5 [\text{m}]^3 / (\text{m})^{2*} \text{h}$]
5. European standard RC2 anti-theft level
6. Wind resistance: 3.5Kpa (level 5)
7. Sound insulation: Up to level 5, weighted sound insulation ($R_w + C_{tr} \geq 40\text{dB}$ (considering glass configuration))

Passive window Certificate

湖南巨晟门窗幕墙有限公司
Hunan Greensee Doors and Windows Curtain Wall Co., Ltd.
No. 10, Lantian North Road, XingSha Industrial Area, 410000 Changsha, China
☎ +864009001782 | ✉ gensheng@csgsmc.cn | 🌐 http://www.genai.vip/genaijianjie.html |



认证产品描述

铝框保温隔热(low lambda PA 0.21 W/(mK))隔热 (Kooltherm 0.022 W/(mK), XPE 0.045 W/(mK)); 窗厚50 mm (6/16/6/16/6); 槽口: 15 mm; 间隔条Technoform-Spacer SP16; 双层密封Silicone

说明

整窗U值是基于参照尺寸 1.23 m × 1.48 m with $U_g = 0.70 \text{ W/(m}^2 \text{K)}$. 若使用更高质量的节能玻璃, 整窗U值可提升如下:

玻璃	$U_g =$	0.70	0.64	0.58	0.54	W/(m ² K)
		↓	↓	↓	↓	
整窗	$U_w =$	0.80	0.77	0.73	0.71	W/(m ² K)

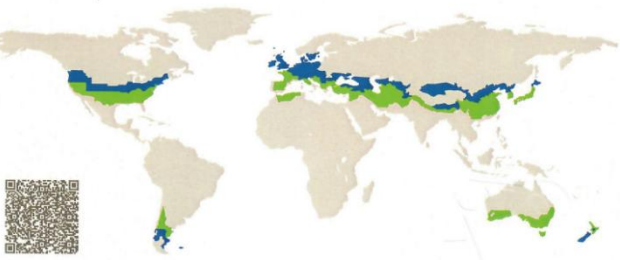
建筑透明组件通过非透明部份的传热损失进行节能分级, 整窗传热损失包括由窗框U值和窗框宽度、暖边热桥和暖边长度引起的热损失。详细计算可从制造商获取。
被动房研究所将国际组件认证标准划分为七种气候类型。原则上, 满足更高节能要求的认证组件也可用于节能要求较低的气候区。在特定气候区中, 使用具有高节能要求的认证组件会更具意义。

更多认证信息: www.passivehouse.com and passipedia.org.

证书

被动房已认证组件
组件认证编码 1982wi03 有效至 2024年12月31日

Passive House Institute
Dr. Wolfgang Feist
64283 Darmstadt
Germany

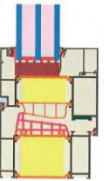


类别: 窗框
制造商: 湖南巨晟门窗幕墙有限公司
Hunan Greensee Doors and Windows
Curtain Wall Co., Ltd.,
Changsha,
China
产品名称: Greensee Passive energy-saving Window

此证书根据以下规格颁发, 适用于凉温带气候带 (cool temperate)

舒适度 $U_w = 0.80 \leq 0.80 \text{ W/(m}^2 \text{K)}$
 $U_{w, \text{installed}}$
with U_g $\leq 0.85 \text{ W/(m}^2 \text{K)}$
 $= 0.70 \text{ W/(m}^2 \text{K)}$

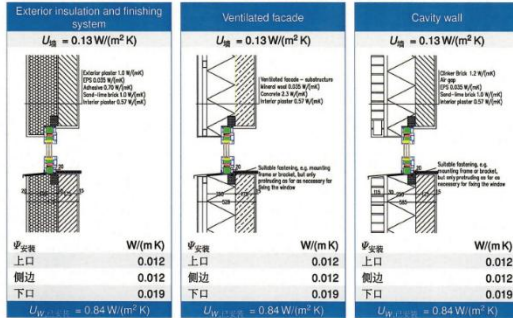
卫生标准 $f_{Rsi=0.25} \geq 0.70$



www.passivehouse.com



安装节点



窗框参数	高度 b_f mm	U_f W/(m ² K)	暖边热桥- ψ_f W/(m K)	温度系数-卫生 $f_{Rsi=0.25}$ [-]
横装1 (1T1)	187	0.77	0.032	0.77
下横框 (DB1)	150	0.77	0.033	0.77
上横框 (DB1)	150	0.77	0.033	0.77
侧面 (DB1)	150	0.77	0.033	0.77

暖边间隔条: Technoform-Spacer SP16 双层密封胶: Silikon

组件认证编码: 1982wi03

www.passivehouse.com

80 series System Window

80系统窗

Large field of view:

Opening the fan can reach a maximum of 1700x2800mm
Realize a broad perspective and great opening.

Excellent performance:

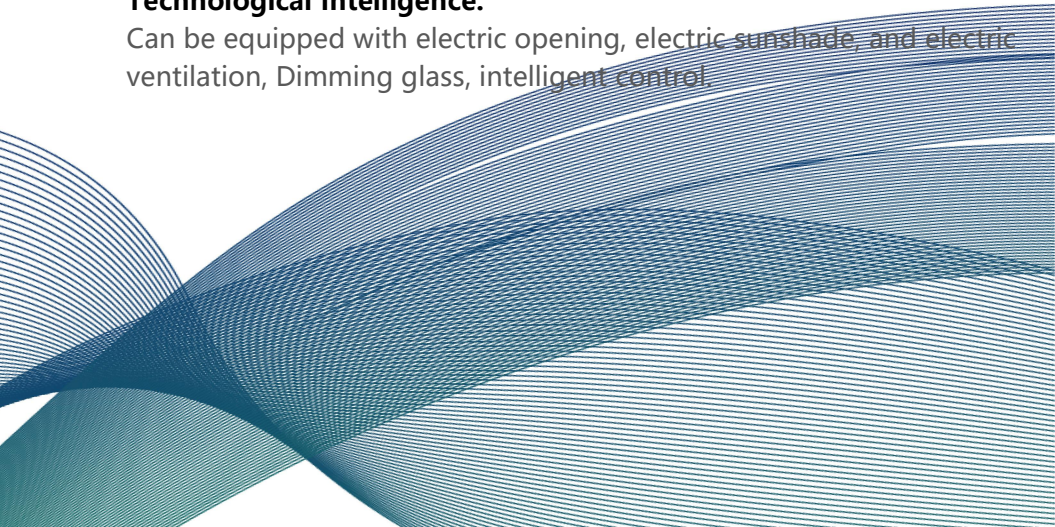
Reduce noise by more than 40 dB; Energy saving increased by over 30%
Level 6 waterproof, capable of withstanding level 14 typhoon.

Security and anti-theft measures:

The locking points are designed and maximum number of locking points on the entire sash can be 10
It can reach the European standard RC2 anti-theft level.

Technological Intelligence:

Can be equipped with electric opening, electric sunshade, and electric ventilation, Dimming glass, intelligent control.



Hunan Greesen wins&doors company

TEST REPORT

SCOPE OF WORK

GenAmo 80 series system window

REPORT NUMBER

190926007SHF-004

TEST DATE(S)

2020-03-13 - 2020-03-18

ISSUE DATE

2020-03-18

PAGES

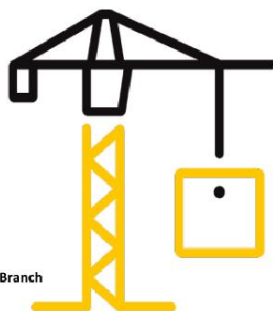
8

DOCUMENT CONTROL NUMBER

LFT-APAC-SHF-OP-10k(May 1, 2019)

© 2020 INTERTEK

Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch



Test Report

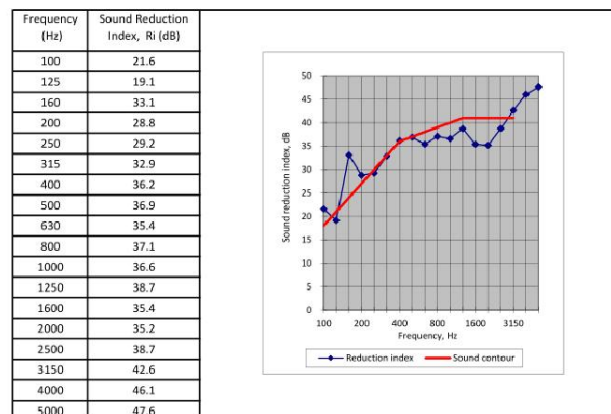
Issue Date: 2020-03-18

Intertek Report No. 190926007SHF-005

Test Items, Method and Results:

Test method: ISO 10140-2:2010

Temperature: 14 °C Relative Humidity: 90 %
Volume of the source room: 112 m³ Volume of the receiving room: 137 m³
Specimen area: 1.46 m² (detail drawing see Appendix A)



Rating according to ISO 717-1:2013

Weighted Sound reduction index	Rw(C;Ctr)= 37(-1;-4)	dB
Spectrum A-weighted pink noise	C= -1	dB
Spectrum A-weighted urban traffic noise	Ctr= -4	dB

Note:

1. Evaluation based on laboratory measurement results obtained by an engineer method.
2. The detail drawing in Appendix A was provided by the applicant. The drawing stated the glass configuration was "6mm Low Iron YNE0675(2#) + 12A + 6mm Low Iron + 12A + 6mm Low Iron Glass". Intertek verified the frame size to calculate the specimen area.

EU CE test report of 80 series system windows

Test Report

Issue Date: 2020-03-18

Intertek Report No. 190926007SHF-004

Applicant: Hunan Greesen wins&doors company

Address: Changsha, Jiantian north rd, 10

Attn: Yuhe Lei

Test Type : Performance test, samples provided by the applicant.

Product Information

Product Name	GenAmo 80 series system window		Brand	/
Sample Description	Good Condition		Sample Amount	One set
			Received Date	2020-01-21
Sample ID	S190926007SHF.004		Model	GS80
			Specification	Frame size(Width*Height): 2568.5mm*1139.8mm

Test Methods And Standards

Test Standard	ISO 10140-2:2010
Specification Standard	ISO 717-1:2013
Test Conclusion	The samples were tested according to the above standards, and the results are shown in the following page.

Note:
1.This report relates specifically to the sample(s) that were drawn and provided by the applicant or their nominated third party.
The reported result(s) provide no warranty or verification on the sample(s) representing any specific goods and/or shipment and only relate to the sample(s) as received and tested.

Report Authorized

Name: Jodie Zhou Title: Reviewer
Name: Mason Wang Title: Project Engineer



130 Series Lift Sliding Door

130 提升推拉门

Technical Data:

1. Profile thickness: 2.0mm ;
2. Color: Outdoor deep grey/coffee ,Metal grey indoor
3. Glass: 6mm+12A+6mm Hollow tempered glass
4. Accessories: Belgium import handle, SOBINCO locking system
5. Insulation strip: Ensinger ; width: 22mm
6. Opening method: Fixed, Single-side Lift Sliding

Performance:

1. Water tightness: 700Pa
2. Wind resistance: 2.5Kpa
3. Sound insulation: 35dB
4. Heat Insulation: 2.0W/m²K





145 Series Lift Sliding Door

145 提升推拉门

Technical Data:

1. Profile : 2.0mm Thermal break Aluminum alloy
2. Color: Outdoor deep grey/coffee ,Metal grey indoor
3. Glass: 6mm+12A+6mm Hollow tempered glass
4. Accessories: Belgium import handle, SOBINCO locking system
5. Insulation strip: Ensinger ; width: 22mm
6. Opening method: Double-side Lift Sliding

Performance:

1. Water tightness: 700Pa
2. Air tightness: 1.5m³/ (m² * h)
3. Wind resistance: 2.8Kpa
4. Sound insulation: 35dB
5. Heat Insulation: 2.0W/m²K)





90 Series Sliding Door

90 推拉门

Technical Data:

1. Profile thickness: 2.0mm ;
2. Color: Outdoor deep grey/coffee , Metal grey indoor
3. Glass: 6mm+12A+6mm Hollow tempered glass
4. Accessories: Domestic brand handle, KIN LONG locking system
5. Insulation strip: Domestic brand; width: 14.8mm
6. Opening method: Fixed, Single-side Sliding
7. Screen: Intergrated sliding screen

Performance:

1. Water tightness: 350Pa
2. Air tightness: 1.5m³/ (m² * h)
3. Wind resistance: 3.0Kpa
4. Heat Insulation: 2.6W/m²K





75 Series Casement Door

75 平开门

Technical Data:

1. Profile thickness: 2.0mm ;
2. Color: Outdoor deep grey/coffee ,Metal grey indoor
3. Glass: 6mm+20A+6mm Hollow tempered glass
4. Accessories: Import door lock, SOBINCO locking system
5. Insulation strip: Ensinger ; width:30mm
6. Opening method: Fixed, Swing

Performance:

1. Water tightness: 700Pa
2. Air tightness: 1.5m³/ (m² * h)
3. Wind resistance: 3.0Kpa
4. Heat Insulation: 2.0W/m²K





Glass Bulastrade

全波护栏

Technical Data:

1. Profile visible width: 151mm
2. Glass embedding depth: 100mm
3. Glass specification: 10+1.52pvb+10mm laminated tempered Ultra-clear glass





Luxury system sunlight room

阳光房

Technical Data:

1. Profile Surface: Powder Sparying
2. Color: Metal deep gray.
3. Glass: Laminated hollow glass (5mm (Low e)+12A+5mm+0.76pvb+5mm)
4. With aluminum alloy sink and downpipe;
5. Roof slope : 2%~70%
5. Application: Large slope Sunlight rooms , Single /Double side slope optional

Upgradable Option:

1. Electric skylight window optional
2. European style decorative line upgradable



Content



About us



Series of
Products



Project
Reference

**Changsha Zhonghai
Xiwan Community
中海·熙湾**

Address: Changsha,Hunan,China

Unit structure: 4 rooms/2 halls/2
Toilets

Product: Panoramic Balcony



Changsha Jinmao Bay 金茂湾

Address: Changsha, Hunan, China

Unit structure: 4 rooms/2 halls/2
Toilets

Product: Panoramic Balcony, 55
series Window





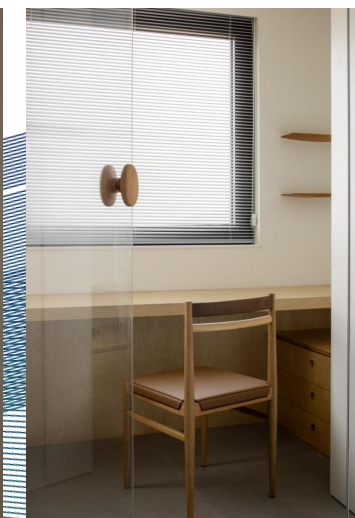
Nanjing Qinglong Shangfu Community 青珑上府

Address: Nanjing, Jiangsu, China

Project Area: 142m²

Unit Structure: 4 Rooms/2 Halls/2
Toilets

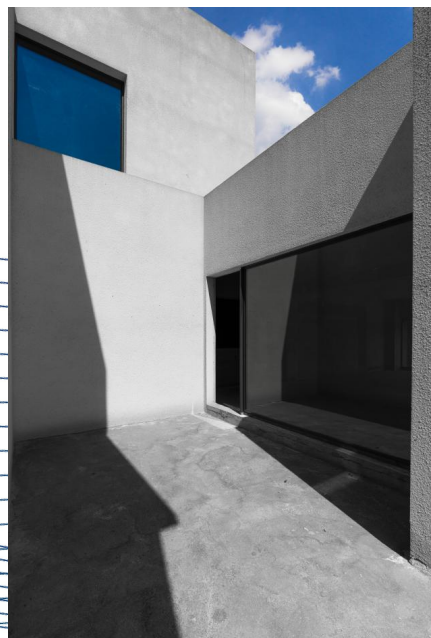
Full room customized



Changsha Heshun Villa 和顺大宅

Address: Changsha, Hunan, China

Full house customized



Greensee

**Pingjiang
Shanshuihaoting Villa
海盟·山水豪庭**

Address: Pingjiang, Hunan, China

Unit Structure: Villa

Full house customized



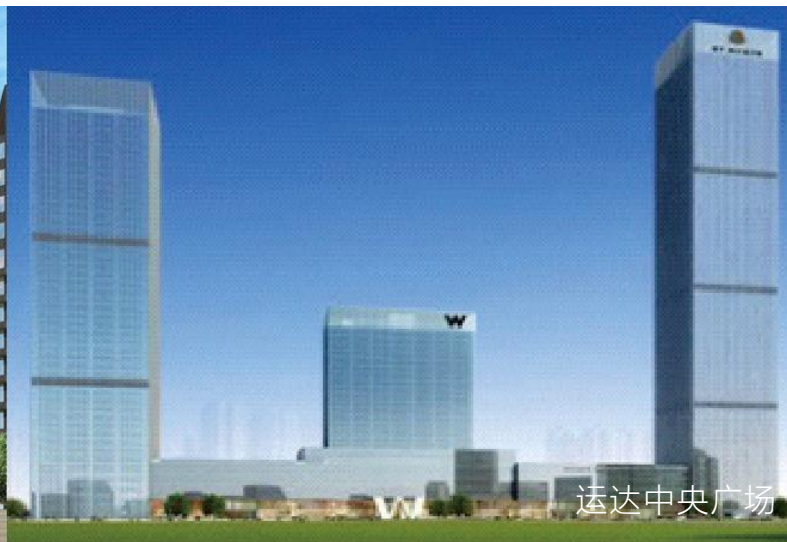
Flat level luxury mansion•Project reference



Boutique Villa • Project reference



Architectural Curtain Wall • Project reference



Prefabricated building•Project reference



Greensee Characteristics

Super Slient |

Adopting high sound insulation automotive grade vacuum glass, effectively blocking sound; Maximum sound insulation effect, 45 dB

Ultra High level insulation|

Three sealing structures and optional cavity type pressure line design effectively reduce heat loss caused by air convection. The insulation K value can be as low as 1.3W/m²K or less.

Super Waterproof |

Adopting a "combination of dredging and blocking" approach, it integrates water blocking, water collection, drainage, and anti backflow water, and three layers of German original sealant strips ensure that the frame and fan overlap without gaps, ensuring no water leakage.

Ultra high airtightness |

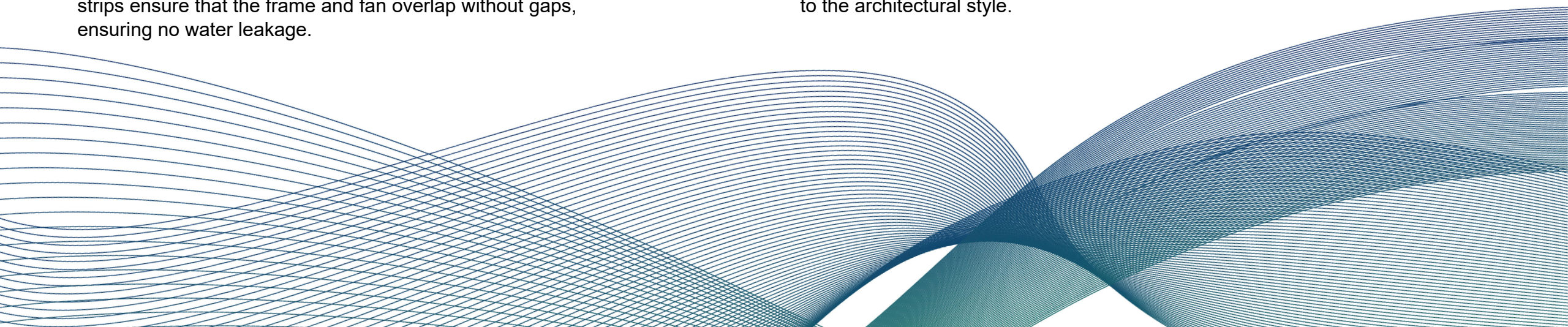
Design three seals with matching sealing strips to ensure a tight fit.

Ultra strong wind pressure resistance |

The design of thickened profiles and cavity strength fundamentally improves the wind pressure resistance performance of doors and windows; The outer hinged door can be increased to a maximum of 7 locking points, fully ensuring the strength of the handle side.

Extra large Views |

Select high load-bearing hardware, with a maximum load-bearing capacity of up to 200kg, effectively solving the load problem of doors and windows, allowing doors and windows to achieve the maximum styling space according to the architectural style.



Greensee Characteristics



Sunshade |
Hollow glass and
sunshade louvers



Micro Ventilation |
Proper Ventilation and
Insulation



Fresh air |
Insect prevention filter
screen



**Mosquito
prevention** |
48 mesh gauze sash



Intelligence |
Make your home
more dreamy

Thank you



长按关注
亘爱公众号



抖音搜索
@亘爱系统门窗



小红书搜索
@亘爱天幕阳台



长按关注
亘晟公众号



长按关注
亘爱视频号



长按关注
亘爱小程序