

CHAMBROAD TIMBER

WINDOWS CATALOGUE

— CONTACT US —

CHAMBROAD TIMBER



Add: Economic Development Zone, Boxing
county, Binzhou City, Shandong Province, China 256500
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DIRECTORY

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ABOUT US

Enterprises for 18 consecutive years

Enrollment of China's Top- 500

Company Profile

Shandong Chambroad Timber Material Co.,Ltd. (referred to as "Chambroad Timber") belongs to Shandong Chambroad Holding Group Co.,Ltd, founded in 2014, is committed to the development of green recycling and low carbon economy, and produces high performance special outdoor timber and high performance wooden doors & windows through advanced biomodification technology and proprietary moulding technology.

Chambroad Timber operates two major production facilities spanning a total area of 235,000 m². Equipped with industry-leading German Weinig CNC production line, our company achieves an annual output exceeding 150,000 m² of doors and windows. As an integrated solutions provider covering R&D, design, testing, production, installation, and after-sales service, we deliver full-chain door and window systems suitable for all climate zones worldwide.

ESG

Green · Low-Carbon Sustainable



⤵ Ultra-Low U-value, Superior Insulation & Energy Efficiency

Windows U-value as low as $0.8 \text{ W}/(\text{m}^2\cdot\text{K})$ exceed international energy standards, ensuring effective thermal insulation in both winter and summer.

⤵ Save 2,000 kWh annually, reducing household energy costs

In a 150 m^2 home with 30 m^2 of glazing, Chambroad Timber Windows can save approximately 2,000 kWh annually.

⤵ Lower Product Carbon Footprint, Building Greener Homes Worldwide

For every $10,000 \text{ m}^2$ installed, Chambroad Timber windows reduce CO_2 emissions by up to 2,000,000 kg annually compared to aluminum windows (Cradle-to-Gate).

CERTIFICATION & TEST REPORT

Occupational Health and Safety Management System Certificate

Certificate No.: 052201098006

we hereby certify that

Shandong Chambroad Timber Material Co., Ltd.

Registered Production/Service/Office Address: Chambroad Industrial Park, Economic Development Zone, No.999, Boring County, Binzhou City, Shandong Province, China

Occupational Health and Safety Management System complies with Standard requirement

GB/T 4501-2020/ISO 45001:2018

The certificate is valid for the following scope:

New wood-based materials and products sales, modified recombinated wood energy-saving wood doors and windows production-related occupational health and safety management activities

Certificate Date: 20-06-2023
 Certificate Valid Date: 20-06-2025 / 19-06-2026
 Date of Initial Certification: 20-06-2023
 Validated Social Credit Code of the Certified Organization: 9137060037634014

Beijing NGV Certification Center Co., Ltd.

Quality Management System Certificate

Certificate No.: 052201098006

we hereby certify that

Shandong Chambroad Timber Material Co., Ltd.

Registered Production/Service/Office Address: Chambroad Industrial Park, Economic Development Zone, No.999, Boring County, Binzhou City, Shandong Province, China

Quality Management System complies with Standard requirement

GB/T 19001-2016/ISO 9001:2015

The certificate is valid for the following scope:

New wood-based materials and products sales, modified recombinated wood energy-saving wood doors and windows production

Certificate Date: 20-06-2023
 Certificate Valid Date: 20-06-2025 / 19-06-2026
 Date of Initial Certification: 20-06-2023
 Validated Social Credit Code of the Certified Organization: 9137060037634014

Beijing NGV Certification Center Co., Ltd.

Environmental Management System Certificate

Certificate No.: 052201098006

we hereby certify that

Shandong Chambroad Timber Material Co., Ltd.

Registered Production/Service/Office Address: Chambroad Industrial Park, Economic Development Zone No. 999, Boring County, Binzhou City, Shandong Province, China

Environmental Management System complies with Standard requirement

GB/T 24001-2016/ISO 14001:2015

The certificate is valid for the following scope:

Environmental management activities related to the sales of new windows materials and products, and the production of modified recombinated wood energy-efficient doors and windows

Certificate Date: 20-06-2023
 Certificate Valid Date: 20-06-2025 / 19-06-2026
 Date of Initial Certification: 20-06-2023
 Validated Social Credit Code of the Certified Organization: 9137060037634014

Beijing NGV Certification Center Co., Ltd.

TEST CERTIFICATE

BT-25-01-14-01

Product: Chambroad Timber (Biomass Modified Recombinant Poplar)

Supplier: Shandong Chambroad Timber Material Co., Ltd. Economic Development Zone, Boring County, Binzhou City, Shandong Province, China

Order: Durability against wood-destriving basidiomycete fungi according to EN 113-MEN 350

Test details: 2224051-2 dated 14 January 2025

Test results: After accelerated water leaching acc. to EN 84 each 16 test specimen replicates were tested with the fungi *Campylopus piceus*, *Rhizidium (Pestalotiopsis) piceae*, *Gloeophyllum robustum*, *Pleurotus ostreatus* and *Trametes (Coriolus) versicolor*. The durability of the test material "Chambroad Timber (Biomass Modified Recombinant Poplar)" against wood-destriving basidiomycetes is assigned to: **Durability class 1 "very durable"**. The underlying classification comprises five levels from class DC1 "very durable" to class DC5 "not durable".

Place, date of issue: Dresden, 14 January 2025

TEST CERTIFICATE

BT-24-09-24-01

Product: Chambroad Timber (Biomass Modified Recombinant Poplar)

Supplier: Shandong Chambroad Timber Material Co., Ltd. Economic Development Zone, Boring County, Binzhou City, Shandong Province, China

Order: Mold resistance according to DIN EN ISO 946:2020, method A

Test details: 2224051-1/1A dated 24 September 2024

Test results: Five test specimen replicates were tested with a mixed spore suspension of *Aspergillus niger*, *Aspergillus phoenicis*, *Penicillium versicolor*, *Pleurotus ostreatus* and *Chaetomium globosum* without the addition of nutrients over an incubation period of 4 weeks. No artificial aging or weathering was carried out before the fungal test.

Test results: The non-weathered material was resistant to mold (class "0") and did not provide a nutrient source for mold fungi.

Place, date of issue: Dresden, 24 September 2024

TEST CERTIFICATE

BT-25-05-28-01

Product: Chambroad Timber (Biomass Modified Recombinant Poplar)

Supplier: Shandong Chambroad Timber Material Co., Ltd. Economic Development Zone, Boring County, Binzhou City, Shandong Province, China

Order: Termites resistance according to EN 137, EN 84 and EN 350

Test details: 2224068 dated 28 May 2025

Test results: After accelerated water leaching acc. to EN 84 by 20h, ten replicates were tested with *Reticulitermes flavipes* by the accredited subcontractor IMA Berlin (Bundesanstalt für Materialforschung und -prüfung).

Test results: The product "Chambroad Timber (Biomass Modified Recombinant Poplar)" is assigned as durable against the attack of termites (durability class 0).

Place, date of issue: Dresden, 28 May 2025

Test Report

Report No.: AFS24001010FF Date: MAR.06.2024 Page 3 of 5

Classification and direct field of application

Reference classification

This classification has been carried out in accordance with EN 13634-1:2018.

Classification

The product, Chambroad Timber (provided by client), in relation to its reaction to fire behaviour is classified as:

Fire behaviour	Smoke production
B	s1

Reaction to fire classification: **B-s1**

Classification and direct field of application

The classification is valid for the following product parameters:

Characteristics as described in section 8 of this test report.

Classification and direct field of application

This classification has been carried out in accordance with EN 13634-1:2018.

Classification

The product, "Chambroad Timber", classification is in the following:

Fire behaviour	Smoke production	Flaming droplets
B	s1	d0

Reaction to fire classification: **Class B-s1, d0**

TÜV Rheinland

Report No.: C20H2401368001 Date: Jun 29, 2024 Page 2 of 3

Test results

Standard	Test Method	Result	Requirement	Verdict
EN 13634-1:2018	EN 13634-1:2018	2.0	≤ 2.0	Pass
EN 13634-1:2018	EN 13634-1:2018	0.7	≤ 0.7	Pass
EN 13634-1:2018	EN 13634-1:2018	0.36	≤ 0.36	Pass
EN 13634-1:2018	EN 13634-1:2018	19	≤ 19	Pass
EN 13634-1:2018	EN 13634-1:2018	0.00	≤ 0.00	Pass
EN 13634-1:2018	EN 13634-1:2018	No	≤ 0	Pass
EN 13634-1:2018	EN 13634-1:2018	No	≤ 0	Pass

Classification and direct field of application

This classification has been carried out in accordance with EN 13634-1:2018.

Classification

The product, "Chambroad Timber", classification is in the following:

Fire behaviour	Smoke production	Flaming droplets
B	s1	d0

Reaction to fire classification: **Class B-s1, d0**

SGS

Report No.: C20H2401368001 Date: Jun 29, 2024 Page 2 of 3

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EN 13634-1:2018	EN 13634-1:2018	0.36	≤ 0.36	Pass
EN 13634-1:2018	EN 13634-1:2018	19	≤ 19	Pass
EN 13634-1:2018	EN 13634-1:2018	0.00	≤ 0.00	Pass
EN 13634-1:2018	EN 13634-1:2018	No	≤ 0	Pass
EN 13634-1:2018	EN 13634-1:2018	No	≤ 0	Pass

Classification and direct field of application

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EN 13634-1:2018	EN 13634-1:2018	0.36	≤ 0.36	Pass
EN 13634-1:2018	EN 13634-1:2018	19	≤ 19	Pass
EN 13634-1:2018	EN 13634-1:2018	0.00	≤ 0.00	Pass
EN 13634-1:2018	EN 13634-1:2018	No	≤ 0	Pass
EN 13634-1:2018	EN 13634-1:2018	No	≤ 0	Pass

Classification and direct field of application

This classification has been carried out in accordance with EN 13634-1:2018.

Classification

The product, "Chambroad Timber", classification is in the following:

Fire behaviour	Smoke production	Flaming droplets
B	s1	d0

Reaction to fire classification: **Class B-s1, d0**

SGS

Report No.: C20H2401455401 Date: Jul 25, 2024 Page 2 of 3

Test results

Standard	Test Method	Result	Requirement	Verdict
EN 13634-1:2018	EN 13634-1:2018	2.0	≤ 2.0	Pass
EN 13634-1:2018	EN 13634-1:2018	0.7	≤ 0.7	Pass
EN 13634-1:2018	EN 13634-1:2018	0.36	≤ 0.36	Pass
EN 13634-1:2018	EN 13634-1:2018	19	≤ 19	Pass
EN 13634-1:2018	EN 13634-1:2018	0.00	≤ 0.00	Pass
EN 13634-1:2018	EN 13634-1:2018	No	≤ 0	Pass
EN 13634-1:2018	EN 13634-1:2018	No	≤ 0	Pass

Classification and direct field of application

This classification has been carried out in accordance with EN 13634-1:2018.

Classification

The product, "Chambroad Timber", classification is in the following:

Fire behaviour	Smoke production	Flaming droplets
B	s1	d0

Reaction to fire classification: **Class B-s1, d0**

中国绿色建材产品认证证书

Certificate No.: 189326M20010022

Name and Address of Applicant: Shandong Chambroad Timber Material Co., Ltd. Chambroad industrial park, Economic development zone, No. 00 Boring county, Binzhou city, Shandong province, China

Name and Address of Manufacturer: Shandong Chambroad Timber Material Co., Ltd. Chambroad industrial park, Economic development zone, No. 00 Boring county, Binzhou city, Shandong province, China

Product Unit: Wooden windows (Using Rotation Class)

Series of Product: Chambroad Jun2 Timber windows

Series of Specifications: See the schedule

Certification Model: Initial inspection + product sampling inspection + follow-up inspection

Standards and Implementation Rule for Products: GB/T 50325-2010 Green building material assessment, Building Implementation Rule for Products: GB/T 50325-2010 The General Principles for Green Building Product Classification Certification

The above products meet the requirements of GB/T 50325-2010 and GB/T 50325-2010. This certificate is hereby issued.

Date of Issue: Jan 3, 2025

During the validity period of the certificate, the validity of the certificate is maintained by the company's regular supervision and self-inspection. The certificate can be found on the website of CNCA (www.cnca.gov.cn) or our website (www.ctc.com.cn).

Address: Guanchuang, Chongyang District, Beijing 100094, China

Carbon Footprint Certificate

Certificate Number: CFP-CTC-2023-001981

Product name: Timber Windows

Name and address of applicant: Shandong Chambroad Timber Material Co., Ltd. Chambroad industrial park, Economic development zone of Boring county, Shandong Province, China.

Name and address of manufacturer: Shandong Chambroad Timber Material Co., Ltd. Chambroad industrial park, Economic development zone of Boring county, Shandong Province, China.

Reference: ISO 14063:2013 Greenhouse gas - Carbon footprint of products - Requirements and guidelines for specification and communication. PAS 206:2013 Implementation for the assessment of the life cycle greenhouse gas emissions of goods and services.

Factored value: 43.69 kg

System boundary: From resource extraction, raw and auxiliary materials production, transportation, energy production, product protection to product delivery (from cradle to gate)

Carbon footprint per functional unit: From 2023-06-01 to 2027-06-06

Terms of validity: China Building Material Test & Certification Center (CTC) The period of validity, the certificate shall remain valid through regular supervision, but if the annual supervision shall be done in the annual supervision cycle.

During the validity period of the certificate, the validity of the certificate is maintained by the company's regular supervision and self-inspection. The certificate can be found on the website of CNCA (www.cnca.gov.cn) or our website (www.ctc.com.cn).

Address: Guanchuang, Chongyang District, Beijing 100094, China

CERTIFICATE

Certified Passive House Component

Component ID: 1586604 valid until 31st December 2028

Category: Window Frame

Manufacturer: Shandong Chambroad Timber Material Co., Ltd. Boring County, China

Product name: W 93 Series passive wood windows

This certificate was awarded based on the following criteria for the warm, temperate climate zone:

Comfort: $U_{g,0.95} \leq 1.00 \text{ W/(m}^2\text{K)}$
 $U_{g,0.95} \leq 1.05 \text{ W/(m}^2\text{K)}$
 $U_{g,0.95} \leq 0.90 \text{ W/(m}^2\text{K)}$

Hygiene: $f_{R,0.95} > 0.65$

CERTIFICATE

Certified Passive House Component

Component ID: 1897623 valid until 31st December 2028

Category: Window Frame

Manufacturer: Shandong Chambroad Timber Material Co., Ltd. Boring County, China

Product name: W 93 Series passive wood windows

This certificate was awarded based on the following criteria for the cool, temperate climate zone:

Comfort: $U_{g,0.95} \leq 0.80 \text{ W/(m}^2\text{K)}$
 $U_{g,0.95} \leq 0.85 \text{ W/(m}^2\text{K)}$
 $U_{g,0.95} \leq 0.70 \text{ W/(m}^2\text{K)}$

Hygiene: $f_{R,0.95} > 0.70$

Certificate of Compliance

Certified by: SCS GROUP

Product: Chambroad Timber

Manufacturer: Shandong Chambroad Timber Material Co., Ltd. Boring County, China

Product name: W 93 Series passive wood windows

The products listed below are eligible to bear the CXA Mark shown with adjacent indicators "C" and "US" for Canada and "ES" or with adjacent indicator "IS" for IS only or without either indicator for Canada only.

Programme operator: EPD International AB

Version date: 2025-08-13

Valid until: 2030-07-20

Environmental Product Declaration

In accordance with ISO 14025:2006 and EN 15804:2012+A2:2019/AC:2021 for:

Chambroad Timber

from SHANDONG CHAMBROAD TIMBER MATERIAL CO., LTD

京博木业

Programme operator: The International EPD System, www.epd.chinese.com

Version date: 2025-08-13

Valid until: 2030-07-20

SCS Global Services does hereby certify that an independent audit has been completed and conformity to the applicable standard(s) has been confirmed for:

Shandong Chambroad Timber Material Co., Ltd.

Economic Development Zone, Boring County, Binzhou City, Shandong 256000, China

This single site certificate covers the production of **Jingtai Wood series products (wood for construction, engineered wood products, and others) using the transfer system.**

The facility(ies) are hereby Chain of Custody certified to sell products as:

FSC 100%

The assessment has been conducted by SCS Global Services in accordance with the protocols of the Forest Stewardship Council (FSC).

FSC Standard: FSC-STD-40-004; FSC-STD-50-001

Certificate Code: SCS-COC-007304 Trademark License Code: FSC-C157720

Valid from: 11 June 2020 Expiry date: 10 June 2025

FSC

www.fsc.org

FSC® A005021

The mark of responsible forestry

RESCOURE FORESTRY

CERTIFIED

Magge Schwartz, Director, Chain of Custody

2020 Pineset Street, Ste. 400, Emeryville, CA 94608 USA

CHOOSE

Why Choose US



Team Advantages

Chambroad Timber focuses on the research and development and delivery of comprehensive solutions for ultra-high and ultra-large system wooden windows and high-performance antique system wooden windows. With 11 years of experience, it has won 68 patents.

Targeting global high-end market, Chambroad Timber serves international leaders in aluminum wood window and door manufacturing, alongside premium passive house and real estate developers across Europe, America, and Asia-Pacific region.

- 60% | Share of R&D team members possessing Masters/PhDs | advanced (Master's/PhD) degrees.
- 15+ | Provincial-Level Major Sci-Tech Innovation QC Initiative
- 200+ | Core Skilled Technicians on the Skilled Worker | Production Frontline
- 20+ | Domain-Specific Application Engineer for the High-End Door & Window Market | Application Engineer

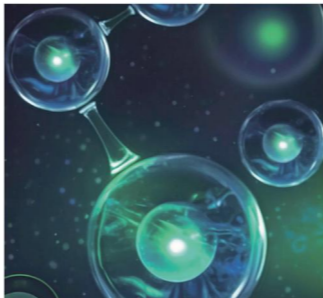
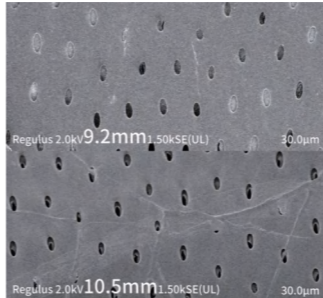

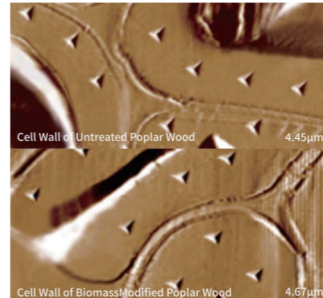


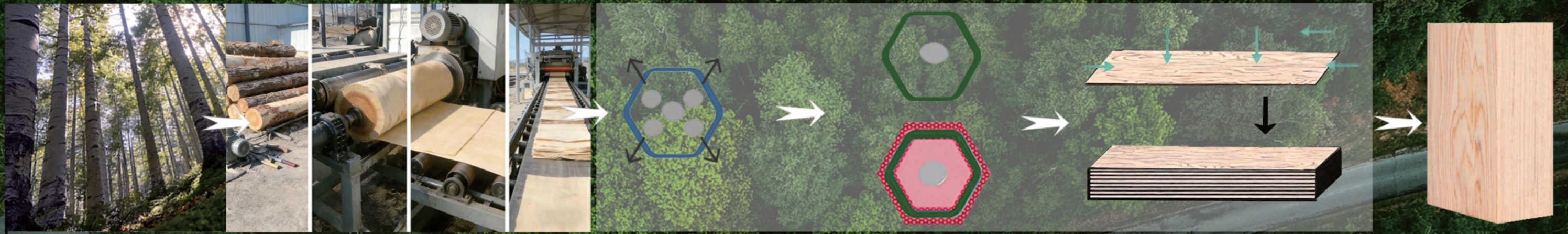
Factory

2	235000 m ²	150000+ m ² /year	1000+
Facilities	Area	Production Capacity	Project Application

Chambroad Timber's 235,000 m² production facility is dedicated to high-performance energy-efficient doors and windows. Integrating the world-leading German Weing UC-Matic line-which maintains machining tolerances within ±0.05 mm-together with imported P500 four-sided planers and CNC centers, we deliver exceptional precision and efficiency. Our flexible, open-layout production system further ensures agile manufacturing and shorter lead times.

Core Technical

Biomass Modification Material Technology	Cell Wall Pit Aperture Enlargement Technology	Modifier Activity Control Technology	Biomass Cell Wall Reinforcement Technology
			



Raw material

Fast growing wood

Rotary-cut

By rotary-cutting, the radial mechanical distribution is broken, hence removing the cause of radial shrinkage, and reducing the tendency to warp.

Denutrient

Reducing the nutrients inside the material through water boiling, improving the material's ability to prevent mold and corrosion.

Biomass Modification

Grafting tech: Grafting technology is used to replace the hydrophilic groups of the internal structural molecules of timber (cellulose, hemicellulose, and lignin) to reduce the hydrophilicity of the material.
Filling tech: Filling technology is used to protect wood cells from the inside out, thereby improving the stability of the material and further improving the anti-mold and anti-fungal properties.

Hot-press

By high-temperature hot pressing, the material density is increased, and the hardness, mechanical properties, and durability of the material are improved.

Chambroad Timber

CORE Chambroad Timber

Water is the source of life for sure, but it is also the source of issues like deformation, cracking, moulding etc. Removing water from the wood is the key word of wood modification, while free water in the cell cavity can be easily removed, the bonding water with cell walls left researchers a big headache. Chambroad Timber adopts a combined methodology of physical barrier and bio-chemical reaction to give wood cells the ultimate protection against corrosion from humidity, mould, termite etc.

Items	Test Standard	Units	Chambroad Timber	Pine	Oak	Merbau	Teak
Termite Resistance	EN 117 / EN 350	Class	DC D	DC S	DC M	DC M	DC M
Fungi Resistance	EN 113-2 / EN 350	Class	DC 1	DC 4-5	DC 3-4	DC 1-2	DC 1-2
Mold Resistance	DIN EN ISO 846	Class	0	4	2	1	1
Fire resistance	EN 13501-1	Class	B-s1,d0	D-s2,d2	D-S2,d2	D-S2,d2	D-S2,d2
Modulus of Elasticity	EN 408	N/mm ²	20120	9150	12680	13820	12560
Water Absorption Swelling Rate (Width)	/	%	up to 1.2	4.8	5.07	3.2	2.8
Formaldehyde Emission	EN 717	/	E0	E1	E1	E1	E1
Density	/	Kg/m ³	930-1000	460-600	610-750	800-940	310-600



90-Minutes Fire Integrity

- **90-Minutes Superior Fire Integrity**

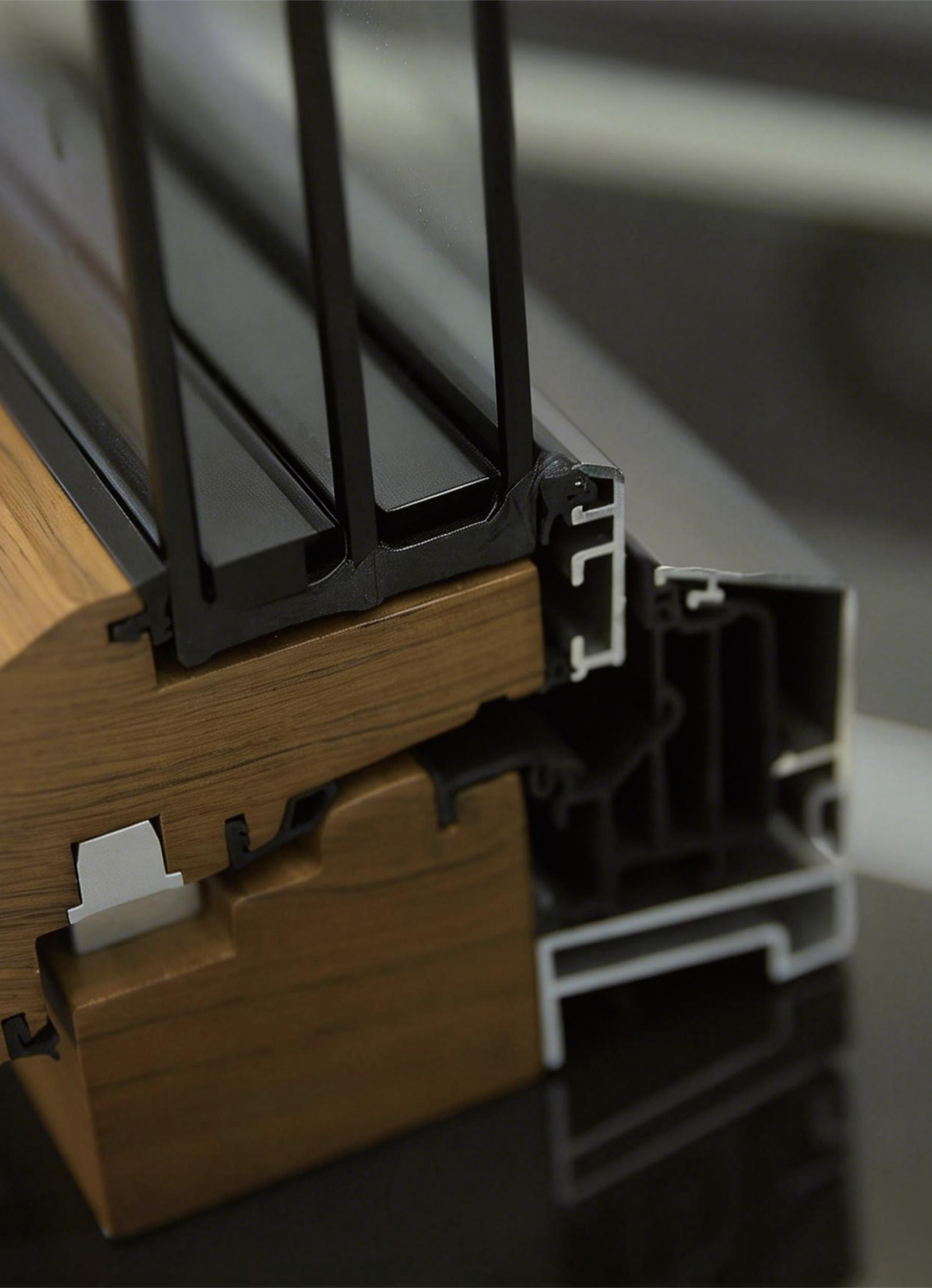
Chambroad Timber Wood Windows maintain structural stability with no critical failure during fire scenarios, setting a new industry safety benchmark.

- **Traditional Aluminum Windows Lose Load-Bearing Capacity at 800°C**

Exposed to 800°C heat, traditional aluminum melts and deforms, causing immediate frame failure and presenting a significant threat to occupant safety.



30-Minute Fire-Resistance
Comparison Test



Window Details



GLASS | Ultimate Energy Efficiency

With Low-E glass blocking 97% of infrared heat and argon-filled cavities, our insulating glass units minimize thermal convection, delivering superior insulation, UV resistance, and energy performance.



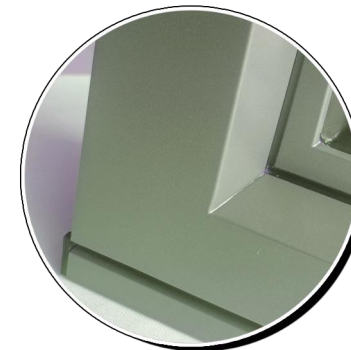
SEALS | Silent & Secure

Aviation-grade EPDM gaskets combined with anti-slip glass retention technology work in unison to eliminate drafts, ensuring outstanding acoustic insulation, airtightness, and thermal retention.



HARDWARE | Confident Security

Engineered with ROTO, GU, and HOPPE, our 12-point multi-lock ensures maximum security and sealing. Experience the confident feedback of a 30° rotation and a clear 4000Hz confirmatory tone.



PROFILES | Storm-Resistant Durability

Engineered with seamless weld-integrated 6063-T6 aluminum profiles and multi-chamber suspension clips, our window system integrates triple sealing and hidden drainage to deliver exceptional storm resistance and superior airtight performance.

Teknos



Integrated Coating Solutions:
Safe, Durable, Reliable



Unlock a New Era of Window Color

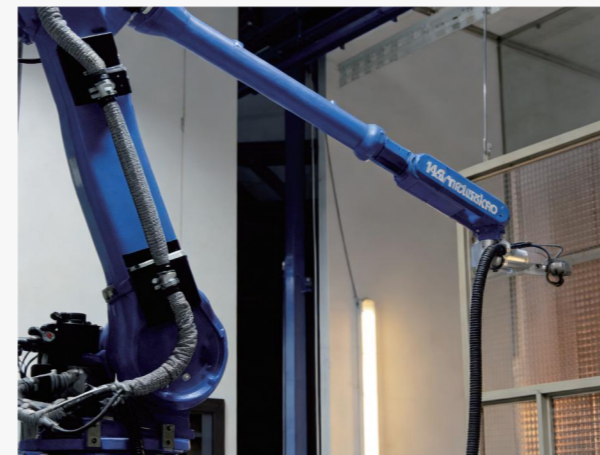
Featuring the professional Teknos water-borne coating system, our wood windows and doors meet stringent European eco-standards while offering curated aesthetics. Choose from 8 standard colors or go fully custom.

Guided by an expert technical team from concept to completion, we deliver tailored solutions that blend security, sustainability, and style-crafting homes that are both beautiful and responsible.



Rigorous Standards. Lasting Quality.

The durability and beauty of premium windows are defined by their coating. That's why we subjected multiple coating systems to extreme tests—weather resistance, adhesion, hardness, abrasion, and UV aging—and validated them through real-world outdoor exposure. Only the top-performing solution earns its place on our windows.



3D Robotic Spraying: Precise & Efficient

Utilizing German-engineered robotic systems, we deliver flawless, uniform finishes with exceptional color consistency. Coupled with rapid-drying technology, this ensures high-efficiency production and reliable project timelines.

The result is a superior coating that offers outstanding weather resistance, UV protection, water repellency, mold resistance, and easy maintenance—striking the perfect balance between durable performance and aesthetic appeal.

FIRST CLASS SOPHISTICATED EQUIPMENT FROM EUROPE



Precision by Process

Our standardized production line maintains dimensional tolerances within $\pm 0.05\text{mm}$ across every stage, ensuring each window and door delivers uncompromising accuracy, seamless fit, and lasting structural integrity.

Ultra-High-Speed Tooling

Milling and tenoning cutters operating at 12,000 RPM, we achieve rapid, precise, and clean profile machining for consistently superior window and door fabrication.

High-Precision Four-Sided

Powered by CNC-controlled Weing machining centers, our system operates at 8,000 RPM to deliver exceptional surface finish, dimensional accuracy, and production efficiency—surpassing conventional equipment in both precision and speed.





**ULTRA-SLIM
WOOD WINDOW**

02

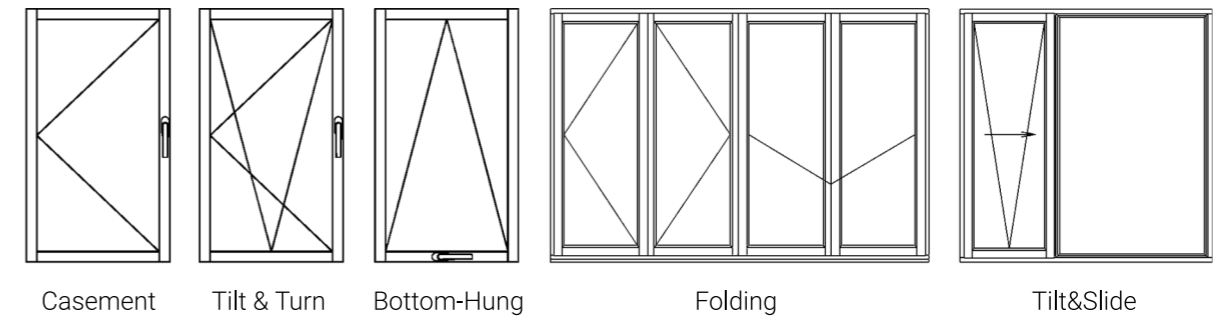


CJ68 ULTRA-SLIM WOOD WINDOW

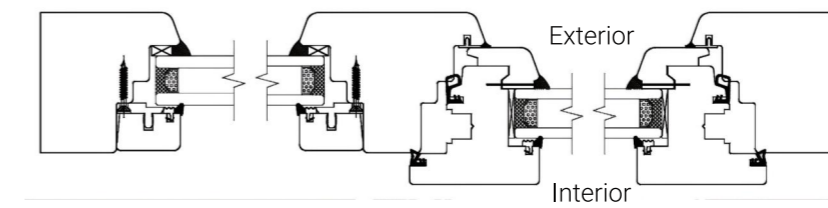
Doors and windows are crafted as architectural artworks within the facade-where every detail, from material and form to profile and finish, is designed for seamless visual integration with the structure.



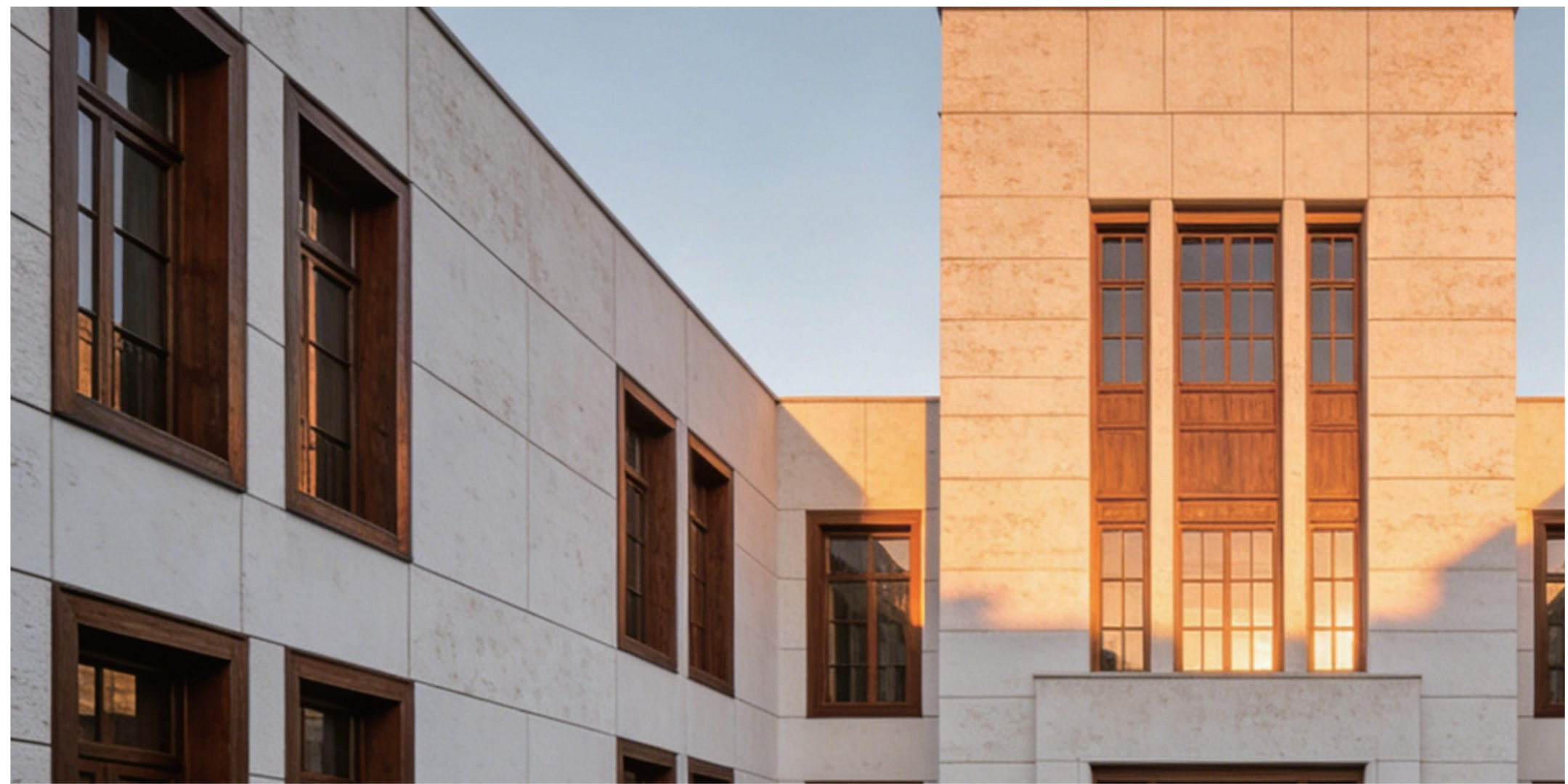
Versatile Opening Options



Detail Drawings



Items	Description
Wood	Chambroad Timber
Hardware & Handle	ROTO / GU / HOPPE
U-Value	1.6 W/(m ² ·K)
Glazing	24 mm 5low-e+14Ar+5
Water-based Paints	Teknos
Profile Thickness	68 mm
Visible Width Sash (inside)	63 mm
Visible Width Frame (inside)	37 mm
Limit Size (Opening Sash)	350<W<800 mm 350<H<1600 mm



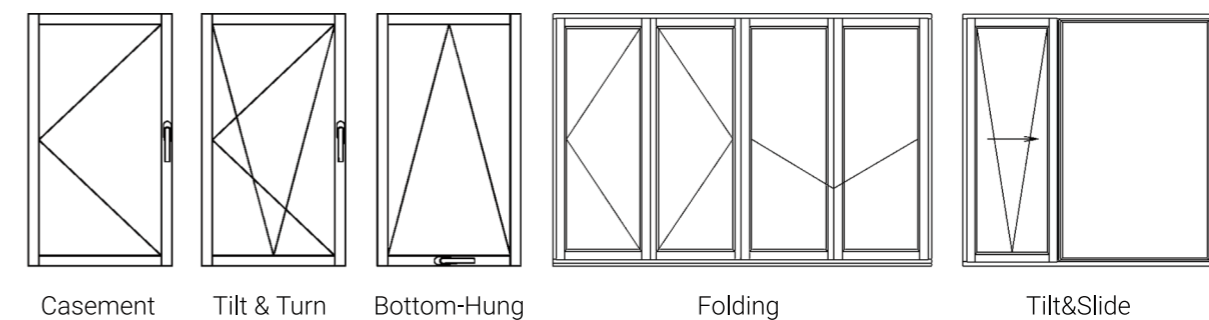


CJ78 ULTRA-SLIM WOOD WINDOW

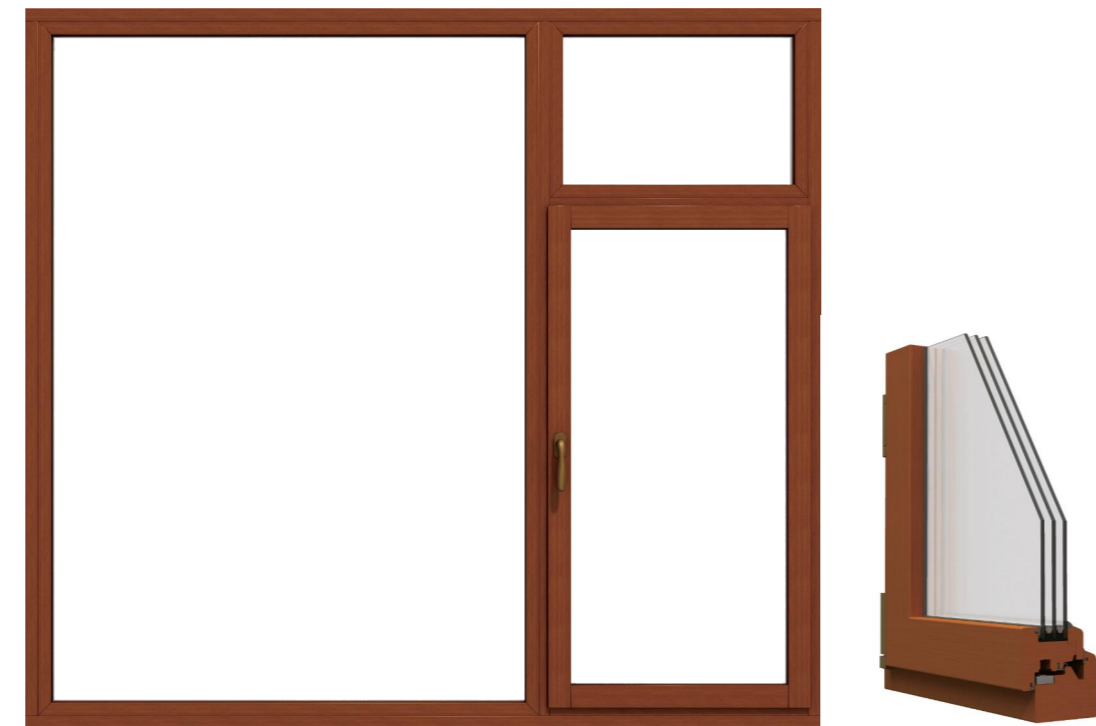
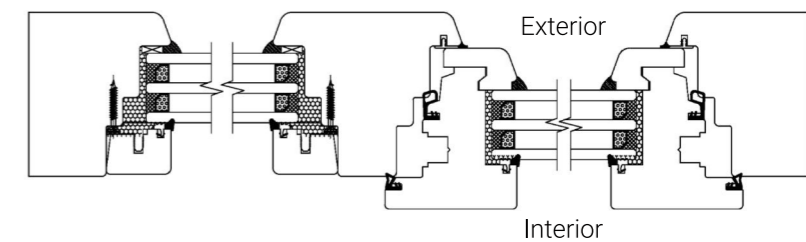
Chambroad Timber creates precision-crafted, climate-adaptive solutions that meet the exacting standards of high-end architectural design across diverse regions.

Items	Description
Wood	Chambroad Timber
Hardware & Handle	ROTO / GU / HOPPE
U-Value	1.3 W/(m ² ·K)
Glazing	33 mm 5low-e+9Ar+5+9Ar+5
Water-based Paints	Teknos
Profile Thickness	78mm
Visible Width Sash (inside)	63mm
Visible Width Frame (inside)	37mm
Limit Size (Opening Sash)	350<W<800mm 350<H<1600mm

Versatile Opening Options



Detail Drawings



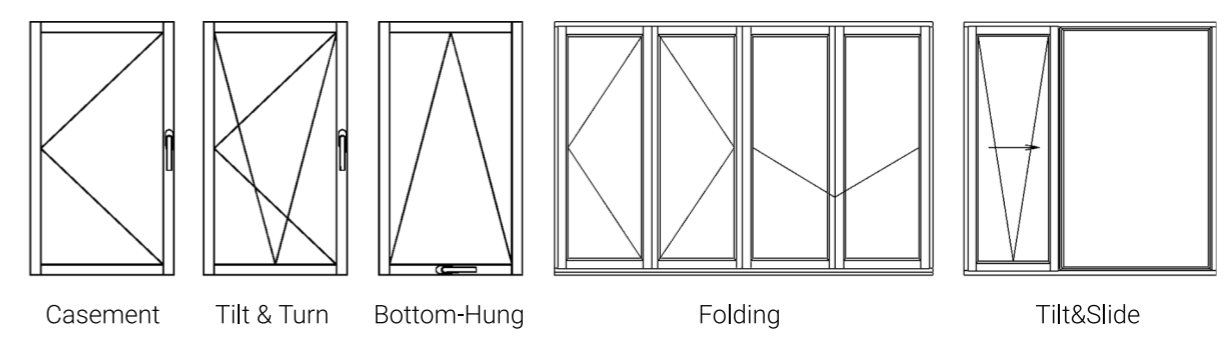


CJ93 ULTRA-SLIM WOOD WINDOW

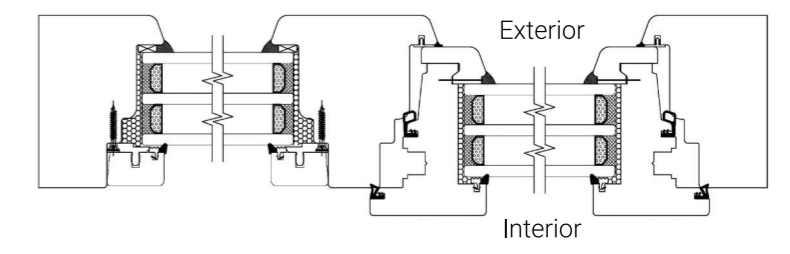
Items	Description
Wood	Chambroad Timber
Hardware & Handle	ROTO / GU / HOPPE
SHGC	0.23
U-Value	1.0 W/(m ² ·K)
Glazing	50 mm 6Low-E+16Ar+6Low-E+16Ar+6C
Water-based Paints	Teknos
Profile Thickness	93 mm
Visible Width Sash (inside)	63 mm
Visible Width Frame (inside)	37 mm
Limit Size (Opening Sash)	350 < W < 800 mm 350 < H < 1600 mm



Versatile Opening Options



Detail Drawings





03

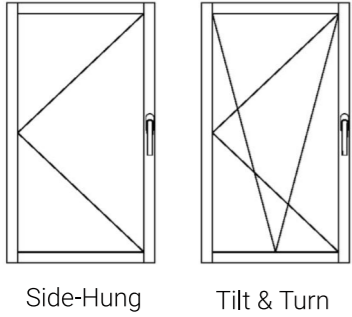
**ULTRA-SLIM ALUMINUM-WOOD
WINDOW**

CB86 ULTRA-SLIM ALUMINUM-WOOD WINDOW

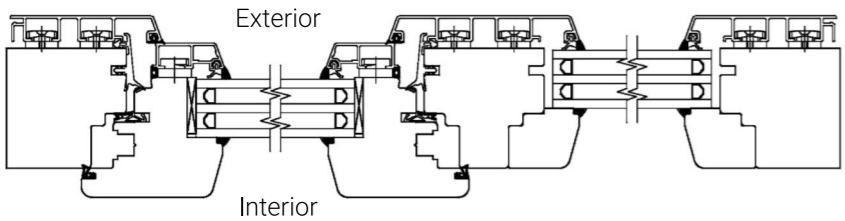
Items	Description
Interior Wood	Chambroad Timber
External Aluminum Cladding	6063-T6 Aluminum Profile
Hardware & Handle	ROTO / GU / HOPPE
U-Value	1.2 W/(m ² ·K)
Glazing	33 mm 5low-e+9Ar+5+9Ar+5
Water-based Paints	Teknos
Profile Thickness	68+18 mm
Visible Width Sash (inside)	81 mm
Visible Width Frame (inside)	48 mm
Limit Size (Opening Sash)	350<W<800 mm 350<H<1600 mm



Versatile Opening Options



Detail Drawings





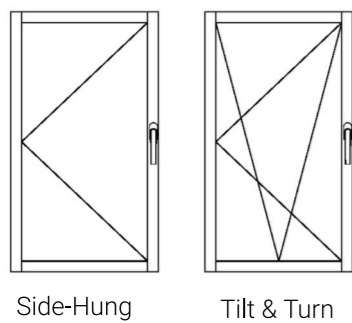
CB96 ULTRA-SLIM ALUMINUM-WOOD WINDOW

Items	Description
Interior Wood	Chambroad Timber
External Aluminum Cladding	6063-T6 Aluminum Profile
Hardware & Handle	ROTO / GU / HOPPE
U-Value	0.99 W/(m ² ·K)
Glazing	47 mm 5low-e+16Ar+5+16Ar+5
Water-based Paints	Teknos
Profile Thickness	78+18 mm
Visible Width Sash (inside)	65 mm
Visible Width Frame (inside)	39.5 mm
Limit Size (Opening Sash)	350 < W < 800 mm 350 < H < 1600 mm



A window that defines style, conceals strength, and elevates living—crafted in wood and aluminum for passive houses, premium residences, and commercial spaces.

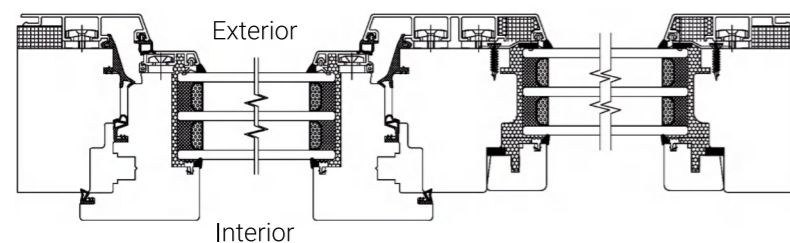
Versatile Opening Options



Side-Hung

Tilt & Turn

Detail Drawings



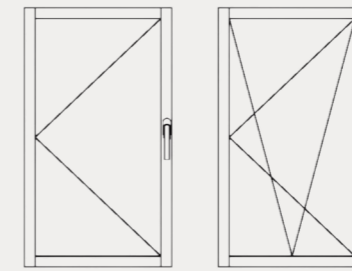


CB120 ULTRA-SLIM ALUMINUM-WOOD WINDOW

Minimalist Luxury, Dual-Layer Protection. Crafted by Chambroad Timber, our energy-efficient aluminum wood windows integrate seamlessly into global architecture—from passive houses to premium residences and public spaces. Every window is designed to realize your vision of an elevated home, balancing quiet strength with refined living.

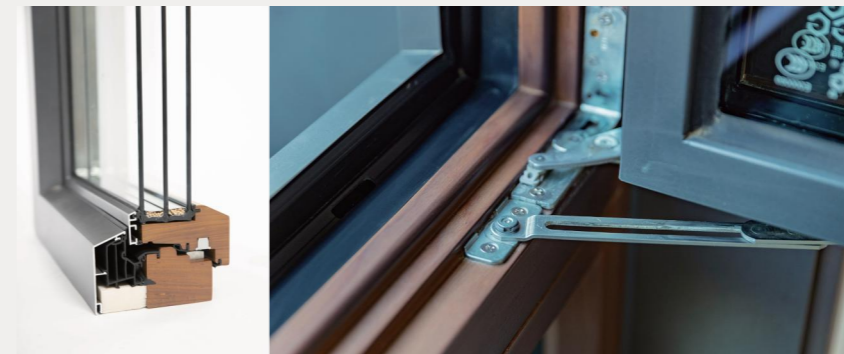
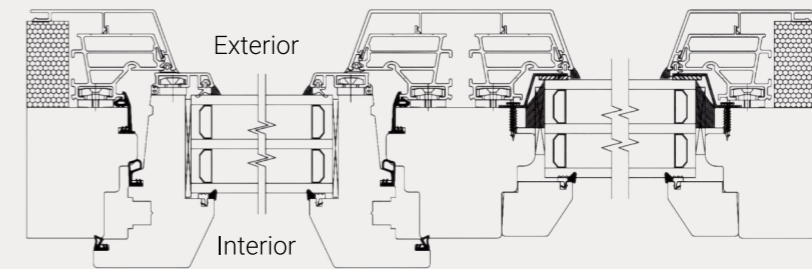
Items	Description
Interior Wood	Chambroad Timber
External Aluminum Cladding	6063-T6 Aluminum Profile
Hardware & Handle	ROTO / GU / HOPPE
U-Value	0.8 W/(m ² ·K)
Glazing	47 mm 5low-e+16Ar+5+16Ar+5
Water-based Paints	Teknos
Profile Thickness	68+52 mm
Visible Width Sash (inside)	63 mm
Visible Width Frame (inside)	40.5 mm
Limit Size (Opening Sash)	350<W<800 mm 350<H<1600 mm

Versatile Opening Options



Side-Hung Tilt & Turn

Detail Drawings





04

**PROJECT
APPLICATION**



Founder Heyue Apartment Project

Location: Zibo, Shandong Province, China

Date: June 2022

Fei Wang Residential Building Project

Location: Binzhou, Shandong Province, China

Date: June 2020

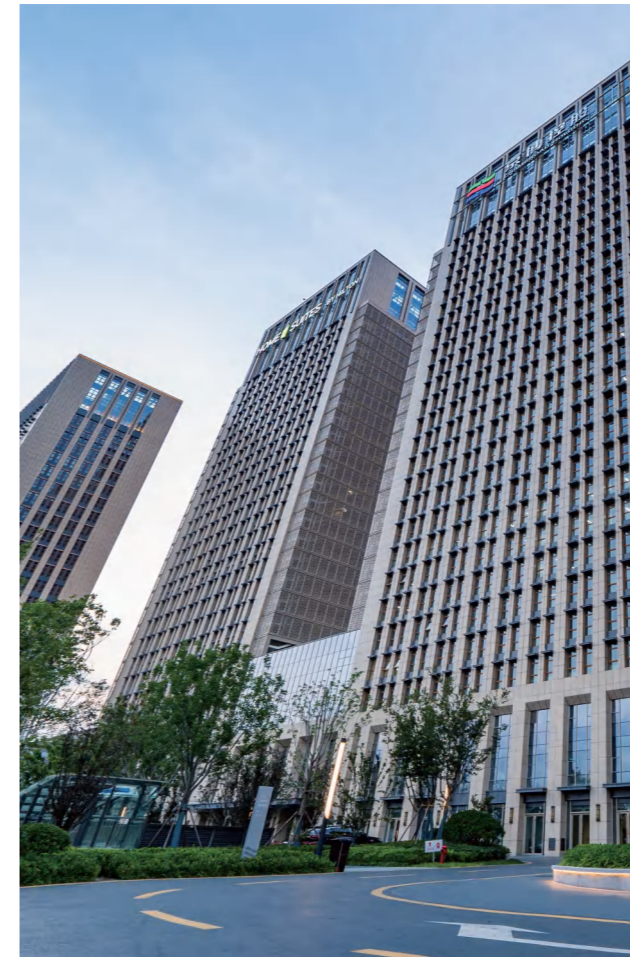




Zhitai Square Chambroad Headquarters Office Tower Project

Location: Binzhou, Shandong Province, China

Date: June 2022

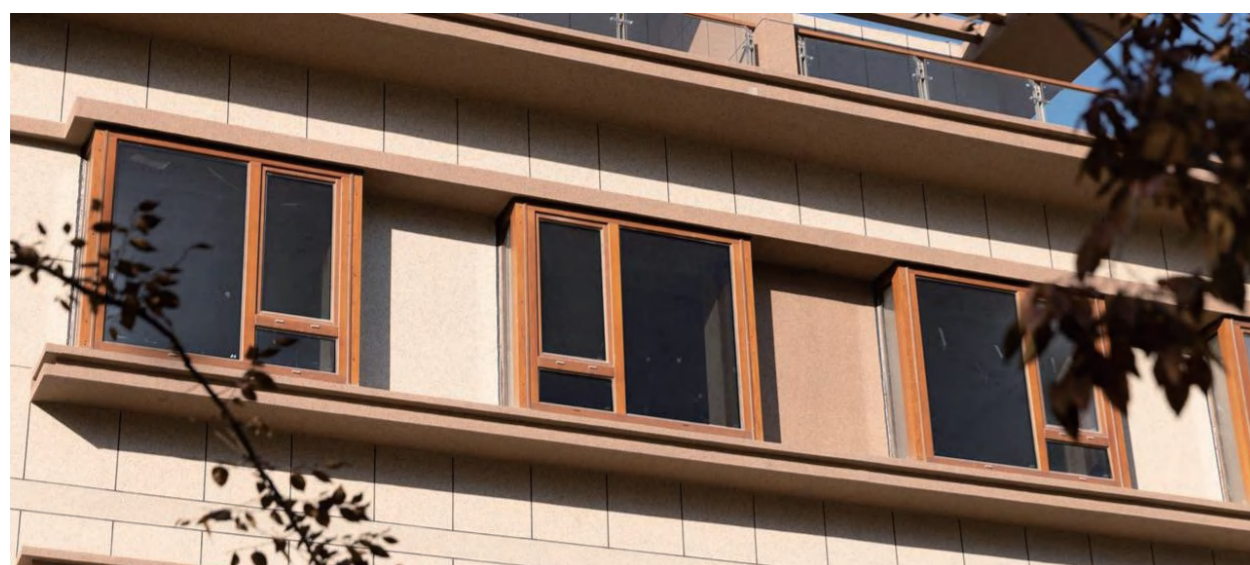




No. 9 Residential Building Project

Location: Binzhou, Shandong Province, China

Date: June 2022





**Green Carbon Post
Beijing Forestry University
Community Center Project**

Location: Beijing, China

Date: June 2024



Kaihua Resort Hotel Project

Location: Quzhou, Zhejiang Province, China

Date: July 2023





Zhuxiaohui Zero-carbon Village Art Gallery Project

Location: Jiaxing, Zhejiang Province, China

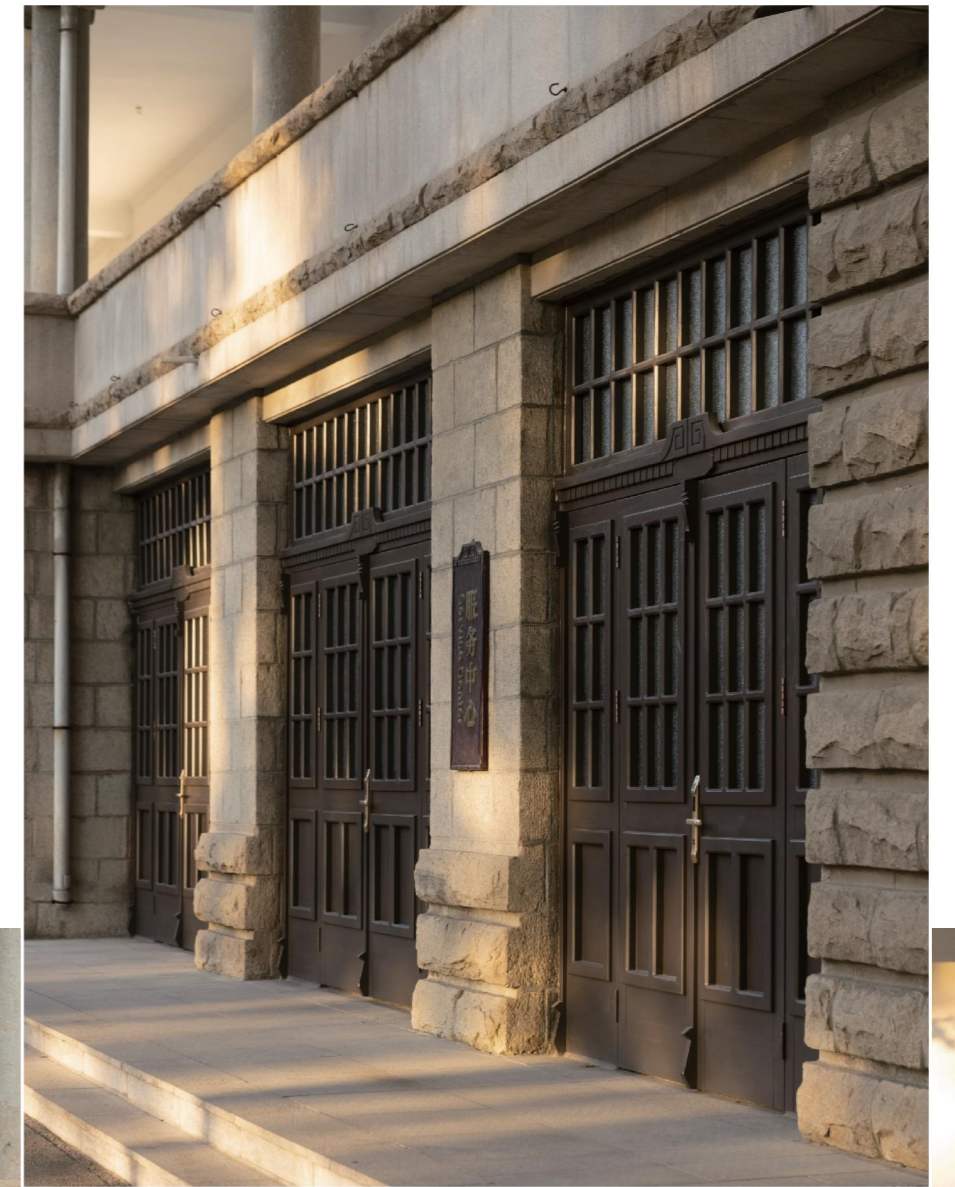
Date: June 2022

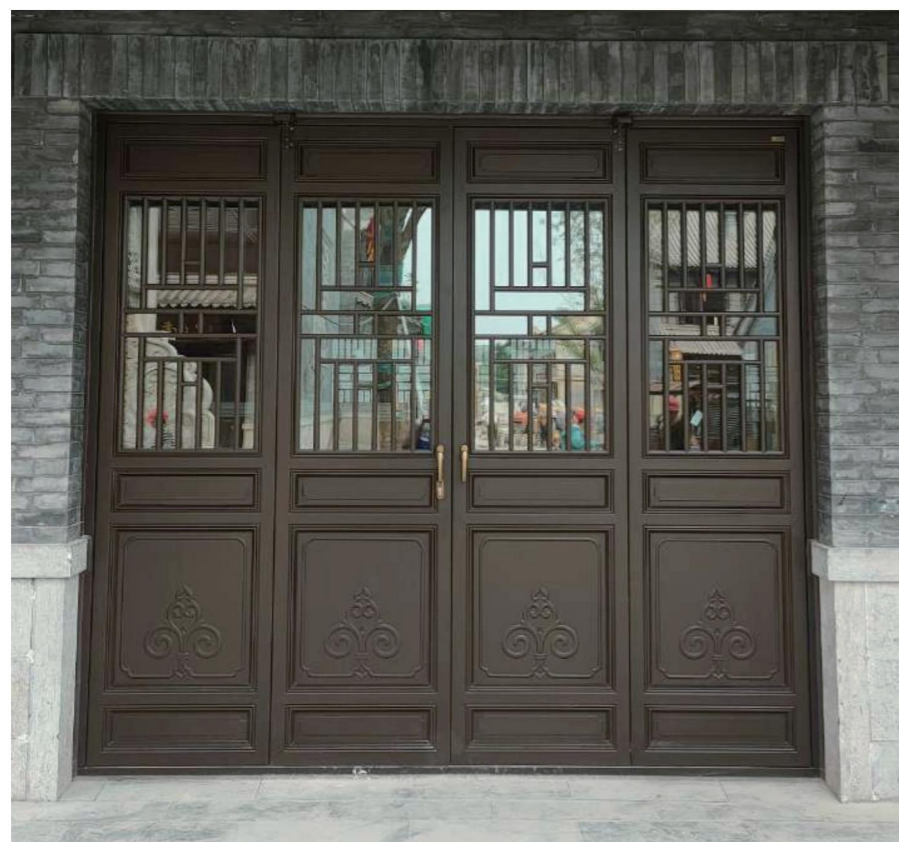


Jiaoji Railway Museum Project

Location: Jinan, Shandong Province, China

Date: August 2022





Ju Guo Cultural Street Ancient Project

Location: Rizhao, Shandong Province, China

Date: March 2022



Bodu Xinxiang Cultural Street Ancient Project

Location: Zhengzhou, Henan Province, China

Date: November 2024





**Chinese Courtyard
House-Siheyuan
Private Residential Project**

Location: Langfang, Hebei Province, China

Date: September 2025

