

MODERN
METAL WORKS

pre -
Qualification

2025

Index

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About Us

MODERN METAL WORKS

is a distinguished manufacturer and installer of premium-quality glass windows, doors, and facades. Equipped with advanced facilities and a highly skilled team, we specialize in delivering tailored glass solutions for residential, commercial, and industrial developments.

Our unwavering commitment to excellence, innovation, and client satisfaction has earned us a strong reputation as a reliable partner within the construction industry.

At MODERN METAL WORKS, we take pride in producing precision-engineered glass products that seamlessly combine aesthetics, durability, and functionality—transforming our clients' vision into reality.

Vision & Missions

Vision

To be recognized as a leading provider of innovative, high-quality aluminum and glazing solutions, setting new benchmarks in design excellence, durability, and customer satisfaction. We aspire to serve as a trusted partner across residential, commercial, and industrial projects by consistently delivering products and services that combine aesthetic appeal with long-lasting performance. Through continuous innovation, advanced technology, and a customer-centric approach, we aim to contribute to the advancement of modern architecture while maintaining the highest standards of quality, safety, and sustainability.

Mission

- Deliver superior aluminum and glazing products and installations that meet the highest industry standards.
- Ensure precision, safety, and efficiency in every project through skilled craftsmanship and advanced technology.
- Foster strong relationships with clients, architects, and contractors through transparency, reliability, and professionalism.
- Continuously improve processes, materials, and workforce capabilities to exceed client expectations.

3-Profile

Products & Services

Tailored Building Solutions

MODERN provides bespoke building solutions tailored to meet the unique requirements of each project. By working in close collaboration with our partners, we ensure that every façade embodies the perfect balance of functionality, aesthetics, and performance.

High-Performance Façades

We specialize in the design and manufacture of premium glass and aluminum façades that are not only visually striking but also energy-efficient and highly durable. Our products are engineered to withstand the most demanding environmental conditions while maintaining structural integrity and long-lasting visual appeal.

Expert Consultation & Rigorous Testing

At MODERN, we collaborate with architects and engineers to deliver customized solutions that align with specific project and site requirements. Every solution undergoes rigorous testing and quality control to ensure compliance with international standards of performance, safety, and durability.

Products & Services

Aluminium Systems

Bullet Proof Systems

Steel & SS. Systems

Products & Services

Aluminum Systems

Our Aluminum Systems division specializes in the design, fabrication, and installation of high-quality architectural solutions, including **Curtain Walls, Doors, Windows, Skylights, Cladding, and Louvers**.

These systems are engineered to provide **durability, thermal efficiency, aesthetic appeal, and structural performance**, ensuring modern and elegant building façades that meet international standards.

Products & Services

Aluminum Systems

Curtain Wall

| |
|-------------------|
| Structure Glazing |
| Frameless Glazing |
| Partitions |
| Spider System |
| Balustrade |
| Handrails |

Doors

| |
|--------------------|
| Hinged |
| Sliding |
| Folding |
| Smart Hardware |
| Fire rated systems |

Windows

| |
|-------------------|
| fixed |
| hinged |
| sliding |
| top & bottom hung |

Skylights

| |
|----------|
| canopies |
| domes |

Cladding

| |
|--------------------|
| ACP |
| mashrabiah |
| fire rated systems |

Louvers

| |
|---------------------|
| z-shape |
| pergola |
| louver doors |
| rolling-up shutters |
| flyscreen |

Products & Services

Steel & SS. Systems

Our Steel and Stainless-Steel Systems cover the **design, fabrication, and installation** of a wide range of architectural and structural elements, including **Handrails, Cat Ladders, Grill Mesh, Louvers, Pergolas, and Fences**.

All systems are manufactured with **precision, high-quality materials, and corrosion-resistant finishes**, ensuring **strength, safety, and long-lasting performance** for both interior and exterior applications.

Products & Services

Steel & SS. Systems

| | | | | | |
|-----------------|--------------------|-------------------|----------------|-----------------|--------------|
| Handrail | Cat Ladders | Grill mesh | Louvers | pergolas | fence |
|-----------------|--------------------|-------------------|----------------|-----------------|--------------|

Products & Services

Bullet Proof Systems

Our Bullet Proof Systems include a wide range of **high-security products** designed to provide **ballistic protection**, such as **bulletproof glass, doors, and windows**.

These systems are developed and manufactured in collaboration with **leading security solution providers**, ensuring **exceptional protection, reliability, and compliance with international ballistic standards**.

Products & Services

Bullet Proof Systems

| | | | | | |
|------------|---------------|------------|---------------|------------|---------------|
| BR5 | BR5 NS | BR6 | BR6 NS | BR7 | BR7 NS |
|------------|---------------|------------|---------------|------------|---------------|

Quality Management System

Our Quality Management System ensures every aluminum, glazing, and cladding project meets the highest standards of precision, durability, and safety. We follow strict procedures for material selection, fabrication, and installation, supported by skilled professionals and continuous inspection at every stage. By adhering to international standards and fostering a culture of excellence, we deliver reliable, defect-free, and visually superior results that consistently exceed client expectations.

High Standards – Deliver projects with precision, durability, and safety.

Quality Materials – Source and use only approved, reliable materials.

Skilled Workforce – Employ trained professionals for all stages of work.

Inspection & Control – Conduct checks at fabrication, delivery, and installation.

Compliance – Adhere to international and industry-specific standards.

Continuous Improvement – Regularly review processes to enhance quality.

Management Responsibility

Manage & ensure the success and sustainability of the company through effective leadership, strategic planning, and adherence to the highest standards of quality, safety, and customer satisfaction.

Key responsibilities:

- **Strategic Direction** – Define the company's vision, mission, and objectives, ensuring alignment with market demands and client expectations.
- **Quality Assurance** – Implement and maintain a robust Quality Management System to ensure precision, durability, and compliance with industry standards in all aluminum and glass works.
- **Resource Management** – Allocate and manage resources effectively, including skilled personnel, materials, and technology, to deliver projects on time and within budget.
- **Health, Safety & Environment (HSE)** – Promote a safe work environment by enforcing HSE policies, risk assessments, and preventive measures.
- **Customer Focus** – Build and maintain strong relationships with clients by ensuring clear communication, transparency, and continuous improvement in service delivery.
- **Compliance & Ethics** – Ensure all operations adhere to legal, regulatory, and ethical requirements.
- **Continuous Improvement** – Regularly review performance, identify opportunities for innovation, and invest in staff training and development.

Management Responsibility

Planning

Quality goals are strategically established, progress is continuously monitored, and corrective actions are implemented to enhance the factory's overall performance and production efficiency.

Quality Objectives

To ensure product compliance and customer satisfaction, management emphasizes the importance of setting measurable objectives aligned with the company's quality policy. Progress toward these objectives is reviewed during system evaluations, with necessary actions taken to achieve improvements. New objectives are established as part of the ongoing commitment to continuous enhancement.

Quality Planning

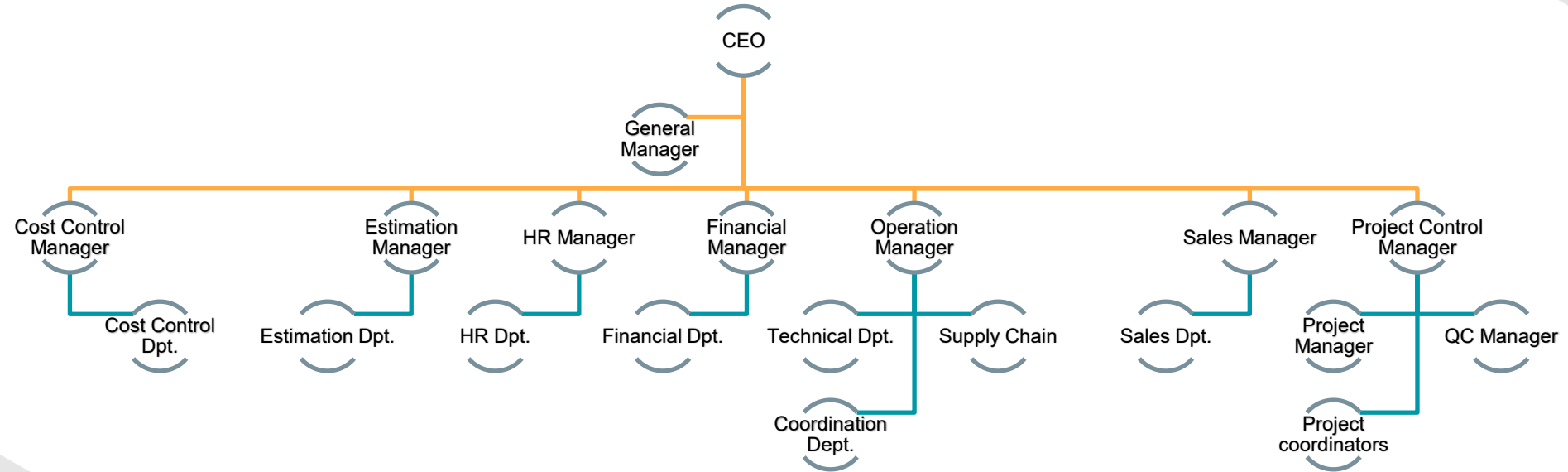
Management identifies and defines the processes and procedures essential for the effective operation of the quality management system. Adequate resources—including technology, machinery, materials, and personnel—are allocated and periodically evaluated to identify potential gaps and implement improvements. Any modifications to the quality system or its processes are carefully controlled and communicated to all relevant personnel within the factory.

Management Responsibility

Health, Safety & Environmental (HSE) Policy

- Ensure a safe, healthy, and well-organized workplace.
- Provide necessary training, instructions, and information to employees.
- Manage materials, equipment, and processes to minimize risks.
- Conduct regular risk assessments and implement preventive measures.
- Comply with all applicable HSE laws and regulations.
- Promote awareness of environmental, health, and safety practices among staff, contractors, and stakeholders.
- Continuously monitor and improve the HSE Management System.

Organization Chart



Our Projects

Project Name: Arena

Client: King Saud University

Main Contractor: SBG

Location: Riyadh

Total Area: 13,000 m²

Contract Value: 27,000,000 SAR

Implementation Period: 6 months



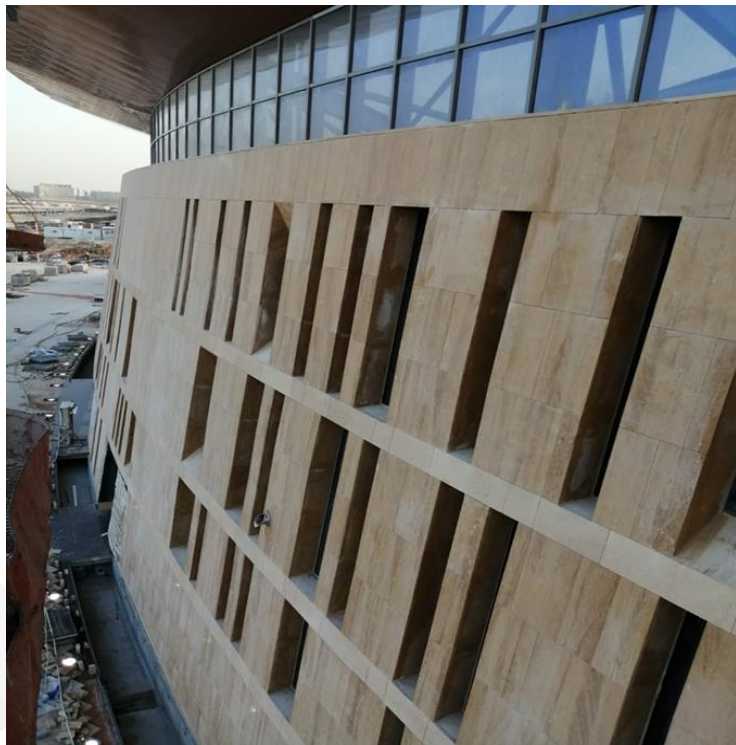
Our Projects

Arena Project



Our Projects

Arena Project



Our Projects

Arena Project



Our Projects

Project Name: Jeddah Promenade

Client: SELA

Main Contractor: MBL

Location: JEDDAH

Total Area: 3300 m²

Contract Value: 24,000,000 SAR

Implementation Period: 2 months (Rush Project)



Our Projects

Jeddah Promenade



Our Projects

Jeddah Promenade



Our Projects

Jeddah Promenade



Our Projects

Jeddah Promenade



Our Projects

Jeddah Promenade



Our Projects

Jeddah Promenade



Our Projects

Jeddah Promenade



Our Projects

Project Name: NEOM Hospital

Client: NEOM

Main Contractor: Al-Bawani

Location: NEOM

Total Area: 4000 m2 (including 300 m2 bulletproof glass)

Contract Value: 35,000,000 SAR

Implementation Period: 3 months (Rush Project)



Our Projects

NEOM Hospital



Our Projects

NEOM Hospital



Certifications & Licenses





H.P. White Laboratory, Inc.

3114 Scarboro Road | Street, MD 21154 | +1.410.838.6550 | www.hpwhite.com

STANAG 4569 Testing – Test Report

Glass Shield FZ LLC

P.O Box 35410

Client: Ras Al Khaimah

UAE

Attention: Mohammed Abu Tahia

Date of report: 2 March 2015

Report prepared by: Ashley Gowland, Customer Operations Coordinator

Report reviewed by: Wesley Mason, Manager of Technical Operations - Hard Armor

Test method and supporting documentation

Per Customer Instructions

STANAG 4569, Level III – Modified

Job number: 00003907E

Test item receipt date, shipping method, identification information, and inspection results:

The sample(s) were received on 26 February 2015 via DHL. Test items were identified as laminated transparencies. The sample(s) were inspected prior to testing and no anomalies were discovered.

Date of testing, test range, and testing performed:

Testing commenced at the H.P. White Laboratory, Inc. facilities at 3114 Scarboro Road, Street MD on 2 March 2015.

Date testing completed, sample disposal, return shipping method:

Testing concluded on 2 March 2015; sample(s) will be discarded.

Test data transmittal method and storage location:

This test report and test data were transmitted via email in a manner compliant with ISO 17025 requirements. Permanent electronic and hardcopy files are maintained in accordance with HPWLI data storage policy on data storage systems, filed by job number.

Revision number and date: NA

Testing was performed on samples provided by the client. H.P. White Laboratory, Inc. holds no responsibility for sample selection methods. This report is based on data obtained from testing only the samples submitted, and should NOT be interpreted as an endorsement by H.P. White Laboratory, Inc. of the continuing quality or performance of any other items of the same, or similar, design. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. This testing was performed by H.P. White Laboratory, Inc. to client specification, and the test results are the property of the client, who holds all rights of reproduction or publication of this report and related test data.

Glass Shield FZ LLC.
HPWU 00003907E
2 March 2015
Attention: Mohammed Abu Taha

Test Procedures

Ballistic Resistance Testing. All testing was conducted on an indoor range at ambient conditions in accordance with your instructions and the modified provisions of STANAG 4569. Testing was conducted at threat level III, using caliber 7.62x54R, 155 grain, B32 ammunition. The test sample was positioned 25.0 feet from the muzzle of the barrel to produce zero degree obliquity impacts. Photoelectric infrared screens were located at 10.0 feet and 20.0 feet which, in conjunction with electronic chronographs, were used to compute bullet velocities at 15.0 feet forward of the muzzle. Penetrations was determined by visual examination of the 0.020 inch thick 2024-T3 aluminum alloy witness plate, placed parallel to and at a distance of 6.0 inches behind the test sample. Table I provides a summary of information on the attached data record(s).

Report prepared by:

Ashley Gowland

Ashley Gowland
Customer Operations Coordinator

Report reviewed by:

Wesley Mason

Wesley Mason
Manager of Technical Operations - Hard Armor

Table I: Ballistic Resistance, Summary of Results

| Test Sample | | Ballistic Threat | | | Results | | |
|--|---------------------|------------------|-----------|-----------|-----------|----------------|--------------|
| Sample Number | Thickness (in.) (a) | Weight (lbs.) | Caliber | Obliquity | Shots (b) | Velocity (fps) | Penetrations |
| | | | | | | Max | |
| HPW-8 | 3.625 | 175.86 | 7.62, B32 | 0° | 3 | 2777 2740 | 0 |
| (a) Based on an average of four corner thicknesses | | | | | | | |
| (b) 3 shots on a 120mm triangle | | | | | | | |



H.P. White Laboratory, Inc.

BALLISTIC RESISTANCE TEST

Client : 3093: GLASS SHIELD FZ LLC.
Job No. : 000003907 Test Date : 3/2/15

TEST PANEL

Manufacturer : GLASS SHIELD FZ LLC.
Size : 19.5 x 19.5 in.
Thicknesses : 3.625, 3.625, 3.625, 3.625 in.
Avg. Thick. : 3.625 in.
Description : 100mm LAMINATED TRANSPARENCY

Sample No. : HPW-8 (Stanag)
Weight : 175.86 lbs.
Hardness : NA
Piles/Laminates : NA

Date Recd. : 2/26/15
Via : DHL
Returned : N/A

SET-UP

Shot Spacing : 3 ON A 120mm TRIANGLE
Witness Panel : 0.020", 2024-T3 ALUMINUM
Obliquity : 0 deg.

Backing Material : NA
Conditioning : AMBIENT

Primary Vel. Screens : 10.0 ft., 20.0 ft.
Primary Vel. Location : 15.0 ft. From Muzzle
Residual Vel. Screens : NA
Residual Vel. Location : NA
Range to Target : 25.0 ft.
Target to Wit. : 6.0 in.

Range No. : 3
Temp : 65 F
BP : 30.12 in. Hg
RH : 30%
Barrel No./Gun : R37.62 X 54R
Gunner : CHES
Recorder : TRAUTMAN

AMMUNITION

(1) : 7.62 X 54R, B32, 155 gr.

(2) :
(3) :
(4) :

Lot No. : UNKNOWN

Lot No. :
Lot No. :
Lot No. :

APPLICABLE STANDARDS OR PROCEDURES

(1) : STANAG 4569 EDITION 1 (MODIFIED)
(2) : LEVEL 3
(3) : REQUIRED VELOCITY: 2736-2867 FPS.

| Shot No. | Ammo. | Time 1 (usec) | Velocity 1 (ft/s) | Time 2 (usec) | Velocity 2 (ft/s) | Avg. Vel. (ft/s) | Penetration | Footnotes |
|----------|-------|---------------|-------------------|---------------|-------------------|------------------|-------------|-----------|
| 1 | 1 | 3616 | 2765 | 3621 | 2762 | 2764 | None | |
| 2 | 1 | 3645 | 2743 | 3653 | 2737 | 2740 | None | |
| 3 | 1 | 3599 | 2779 | 3603 | 2775 | 2777 | None | |

REMARKS :

FOOTNOTES :



Eich- und Beschusswesen Baden-Württemberg

Staatliche Prüf- und Zertifizierungsstelle für Waffen- und Sicherheitstechnik
legal verification and certification office for weapons and security engineering

S 21 0068 01 / Z

Bullet resistant laminated glazing

Mitglied der VPAM

Der Prüfbericht ist Grundlage und Bestandteil des Zertifikats.
Only the original certificate stamped and signed by the Proof House is valid. This certificate may only be passed on in its entirety and without modification. The use of parts of this certificate is allowed only with the express consent of the Beschussamt Ulm.
The test report is basis and part of the certificate.

Tel.: 0731-9 68 51-0
Fax: 0731-9 68 51-99
beschussamt@rpt.bwl.de
www.beschussamt.eu

Deutsche Akkreditierungsstelle

Dokument: SI 10-010 Genehmigung: L Stand: 30.04.2020



11





Baden-Württemberg
Regierungspräsidium Tübingen

Beschussamt Ulm *ex*

Eich- und Beschusswesen Baden-Württemberg

Staatliche Prüf- und Zertifizierungsstelle für Waffen- und Sicherheitstechnik

Legal verification and certification office for weapons and security engineering

Prüfbericht – Test report

S 21 0068 01 / B

Durchschusshemmende Verbundsicherheitsverglasung

Bullet resistant laminated glazing

Antragsteller:

Applicant:

GLASS SOLUTIONS LLC

Ras Al Khaimah Port

P.O. BOX 35410

UAE - RAS AL KHAIMAH

Hersteller:

Manufacturer:

GLASS SOLUTIONS LLC

Ras Al Khaimah Port

P.O. BOX 35410

UAE - RAS AL KHAIMAH

Ort und Datum der Prüfung:

Location and test date (d.m.y.):

89081 Ulm, 12.10.2021

Prüfvorgabe:

Test requirement:

DIN EN 1063 : 2000-01

Geforderte Widerstandsklasse **BR6 NS**

Required resistance class **BR6 NS**

Gegenstand der Prüfung:

Item under test:

VSG-Verglasung

Laminated glazing

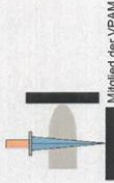
500 x 500 x 41,60 mm [Istmaße / Actual sizes]

(22,10 kg)

Typenbezeichnung:

Product reference:

EN 1063 BR6 NS



Mitglied der VPAM

Beschussamt Ulm
Albstraße 74

89081 Ulm

Tel.: 0731-9 68 51-0

Fax: 0731-9 68 51-99

beschussamt@rpt.bwl.de

www.beschussamt.eu



Deutsche
Akkreditierungsstelle
DPA-17047-02-29



Akkreditierte Prüf- und
Zertifizierungsstelle

Ulm, den 12.10.2021

S. Juchter
Leiter der Prüfung
Head of Examination

Seite 1 von 6 Seiten
Page 1 of 6 pages

Der Prüfbericht bezieht sich ausschließlich auf das zur Prüfung vorgestellte Prüfobjekt. Prüfobjekte, die nicht den Bedingungen der Prüfvorgabe entsprechen, können die Gültigkeit dieses Prüfberichts nicht vollständig und unverändert weiterverbreitet werden. Auszüge oder Änderungen bedürfen der Genehmigung des Beschussamtes Ulm. Als rechtsverbindliche Fassung gilt nur die deutsche Ausführung.

The test report refers exclusively to the presented item under test.

Only the original test report stamped and signed by the Proof House is valid. This report may only be passed on in its entirety and without modification. The use of parts of this report is allowed only with the express consent of the Beschussamt Ulm.

The German version is the only legally binding version.

Prüfbericht-Nr.:
Test report number:

S 21 0068 01 / B

Beschussamt Ulm e. V.

Allgemeine Angaben

General details

Art der Probennahme:

Vom Antragsteller ausgewählt und angeliefert am 05.10.2021
Chosen and delivered on 05.10.2021 (d.m.y.) by the Applicant

Prüfer:

Tester:

M. Güntner
S. Junginger

Teilnehmer:

Participants:

Prüfvorgaben

Specifications of the standard

Entsprechend der Widerstandsklasse **BR6 NS** nach **DIN EN 1063**

According to the resistance class **BR6 NS** of **DIN EN 1063**

Waffe:

Weapon:

Art

Type

Prüflauf

Test barrel

Kaliber

Calibre

7,62 x 51 mm

Dralllänge

Twist length

305 mm

Munition:

Ammunition:

Geschoss

Bullet

Vollmantel, Spitz, Weichkern; Typ: DM41

Full jacket, pointed, soft core; Type: DM41

Geschossgewicht

Bullet weight

9,50 ± 0,10 Gramm / gram

Losnummer

Lot number

BaU 7.62 DM41MEN 1/3/3 L1

Geforderte Geschoss-

geschwindigkeit:

Required bullet velocity:

830 ± 10 m/s

Schussentfernung:

Test distance:

10 ± 0,50 m



Versuchsaufbau:

Test setup:

Prüfmuster 90° (0° Nato) zur Schussrichtung befestigt
Test sample fixed 90° (0° Nato) to the shooting direction

Trefferbild:

Hit location:

Dreieck, Seitenlänge 120 mm ± 10 mm (je Probe)
Triangle 120 mm ± 10 mm (each sample)

Prüfbericht-Nr.:
Test report number:

S 21 0068 01 / B

Beschussamt Ulm e. V.

Details zum Gegenstand der Prüfung

Details to the item under test

Art:

VSG-Verglasung
Laminated glazing

Abmessungen:

Size / thickness: 500 x 500 x 41,60 mm [Istmaße / Actual sizes]

Anzahl:

Number of samples: 3

Aufbau:

(Beginnend mit Angriffsselle)

8,00mm Gl_{0,76mm} PVB 8,00mm Gl_{0,76mm} PVB 8,00mm Gl_{1,26mm} PU 3,00mm LX
1,26mm PU 8,00mm Gl_{1,26mm} PU 3,00mm LX (Nennmaße / Nominal sizes)

Composition:
(Starting from the attack face)

Gl = Glas / Glass
PVB = PVB-Folie / PVB-foil
PU = Polyurethan-Folie / Polyurethane foil
LX = Lexan-Folie / Lexan-foil

Sonstige Angaben:

Further information:

Prüfmustereinlagerung: 12 Stunden bei +21° C
Umgebungstemperatur während der Prüfung: +21° C
Test sample stored prior to test: 12 hours at +21° C
Ambient temperature during the test: +21° C

Typenbezeichnung:

Product reference:

EN 1063 BR6 NS

Prüfbericht-Nr.:
Test report number:

S 21 0068 01 / B

Beschussamt Ulm e.V.

Darstellung der Prüfergebnisse

Presentation of the test results

| Probe Nr. Sample number | Schuss- folge Shot number | $V_{2,s}^{1)}$ [m/s] | $E_{2,s}^{2)}$ [Joule] | Auswertung ³⁾ Evaluation | Trefferabstände Hit distances |
|----------------------------------|------------------------------------|-------------------------|---------------------------|--|----------------------------------|
| 1 09215683 | 1. | 838 | 3336 | KD, NS | 1 - 2 = 120 mm |
| | 2. | 832 | 3288 | KD, NS | 1 - 3 = 120 mm |
| | 3. | 838 | 3336 | KD, NS | 2 - 3 = 120 mm |
| 2 09215722 | 1. | 835 | 3312 | KD, NS | 1 - 2 = 121 mm |
| | 2. | 836 | 3320 | KD, NS | 1 - 3 = 120 mm |
| | 3. | 838 | 3336 | KD, NS | 2 - 3 = 118 mm |
| 3 09215643 | 1. | 833 | 3296 | KD, NS | 1 - 2 = 120 mm |
| | 2. | 837 | 3328 | KD, NS | 1 - 3 = 120 mm |
| | 3. | 838 | 3336 | KD, NS | 2 - 3 = 119 mm |

1) $V_{2,s}$ = Geschwindigkeit 2,5 m
vor dem Prüfmuster
Bullet velocity 2,5 m in front of the
sample

2) $E_{2,s}$ = Geschossenergie 2,5 m vor dem
Prüfmuster
Bullet energy 2,5 m in front of the
sample

3) KD = Kein Durchschuss / No penetration

D = Durchschuss / Penetration

S = Splitterabgang auf der Rückseite des Prüfmusters /

Splinters on the rear side of the sample

NS = Kein Splitterabgang auf der Rückseite des Prüfmusters /

No splinters on the rear side of the sample

Ergebnis der Prüfung (Zusammenfassung)

Result of the test (summary)

Die Verglasung erfüllt die Prüfanforderungen der Widerstandsklasse BR6 NS

The glazing meets the requirements of the resistance class BR6 NS

Zertifikat erstellt:

Certificate issued:

☒ Ja / Yes S 21 0068 01 / Z

☐ Nein / No

Der Prüfbericht ist Grundlage für das erstellte Zertifikat.
The test report is the basis for the issued certificate.

Fotodokumentation

Photo documentation

Prüfmuster 1 / Test sample 1: 09215683



Foto / Photo: Beschussamt Ulm
Nr. / No.: S 21 0068 01; B01

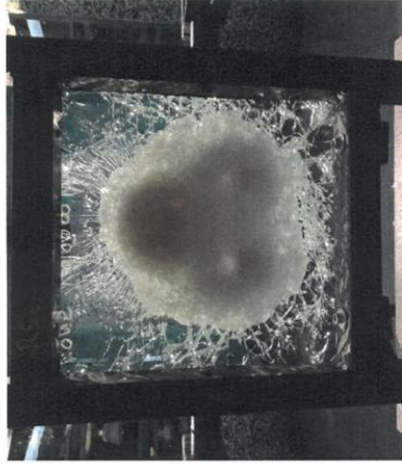


Foto / Photo: Beschussamt Ulm
Nr. / No.: S 21 0068 01; B02

Prüfmuster 2 / Test sample 2: 09215722

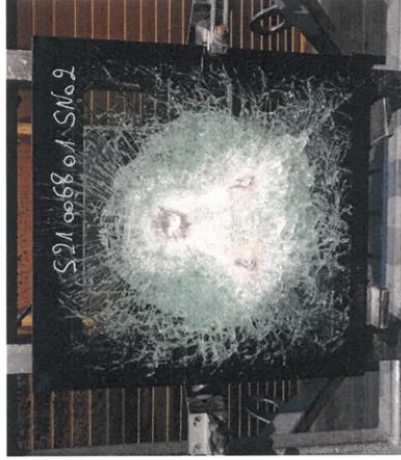


Foto / Photo: Beschussamt Ulm
Nr. / No.: S 21 0068 01; B03

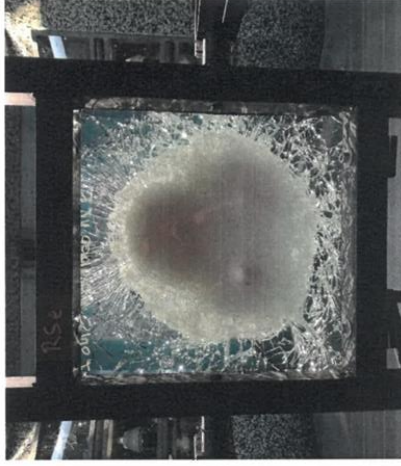


Foto / Photo: Beschussamt Ulm
Nr. / No.: S 21 0068 01; B04

Prüfbericht-Nr.:
Test report number:

S 21 0068 01 / B

Beschussamt Ulm e. V.

Prüfmuster 3 / Test sample 3: 09215643

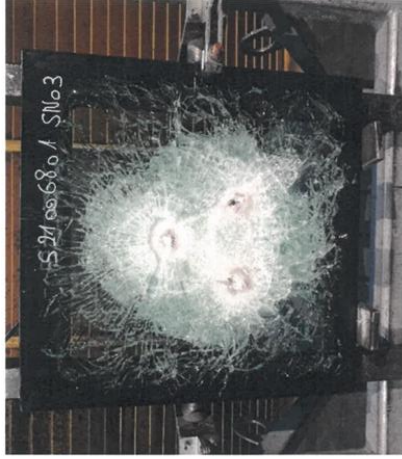


Foto / Photo: Beschussamt Ulm
Nr. / No.: S 21 0068 01; B05

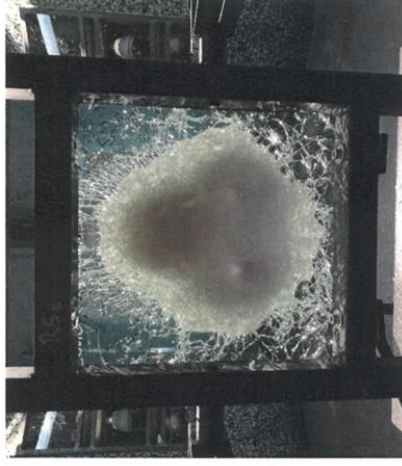


Foto / Photo: Beschussamt Ulm
Nr. / No.: S 21 0068 01; B06



Baden-Württemberg
Regierungspräsidium Tübingen

Beschussamt Ulm e.V.

Eich- und Beschusswesen Baden-Württemberg

Staatliche Prüf- und Zertifizierungsstelle für Waffen- und Sicherheitstechnik

Legal verification and certification office for weapons and security engineering



Mitglied der VPAM

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Albstraße 74

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beschussamt@rpl.bwl.de

www.beschussamt.eu

Zertifikat - Certificate

S 23 0079 01 / Z

Durchschusshemmende Verglasung

Bullet resistant glazing

Antragsteller
Applicant

GLASS SOLUTIONS LLC
UAE - RAS AL KHAIMAH

Hersteller
Manufacturer

GLASS SOLUTIONS LLC
UAE - RAS AL KHAIMAH

Ort und Datum der Prüfung

Location and test date (dd.mm.yyyy)

89081 Ulm, 26.10.2023

Prüfvorgabe

Test requirement

Nach Kundenspezifikation

Verfahren: STANAG 4569, AEP55; Level 2

To Applicant's specification

Method: STANAG 4569, AEP55; Level 2

Gegenstand der Zertifizierung

Item under certification

VSG-Verglasung

Laminated glazing

500 x 500 x 60,90 mm / 33,60 kg

[Istmaße / Actual Sizes]

Typenbezeichnung

Product reference

GLASS SOLUTIONS LLC

Referenz / Reference: Sample 1-8

Details siehe Prüfbericht-Nr.

Details see test report number

S 23 0079 01 / B

Erfüllt die Kundenspezifikation / Meets Applicant's specification

Kaliber; Geschoss / Calibre; bullet: 7.62 x 39 mm; BZ; 7,70 Gramm / Gram

Geschosseschwindigkeit / Bullet velocity: 695 m/s ± 20 m/s

Schussrichtung / Shooting direction: 90° / 0° Nato

Prüfmustertemperatur / Temperature test sample: +21° C

Hiermit bestätigen wir, dass sämtliche zur Zertifizierung eingesetzten Prüfmittel, Messmittel und Hilfsmittel entsprechend dem akkreditierten System qualifiziert bzw. messtechnisch rückgeführt sind.
We hereby confirm that all test devices, measuring tools and also used for the certification are qualified or metrologically traceable to the accredited system.

Zertifikate ohne Unterschrift und Dienstsiegel haben keine Gültigkeit. Dieses Zertifikat darf nur vollständig und unverändert weiterverbreitet werden. Auszüge oder Änderungen bedürfen der Genehmigung des Beschussamtes Ulm.
Der Prüfbericht ist Grundlage und Bestandteil des Zertifikats.
The certificate is only valid if it is signed and sealed. This certificate may only be passed on in its entirety and without modification. The use of parts of this certificate is allowed only with the express consent of the Beschussamt Ulm.

The test report is basis and part of the certificate.

Akkreditierte Prüf- und
Zertifizierungsstelle



Dokument: S 51-020 Genehmigung: L Stand: 30.04.2020



Ulm, den 31.10.2023

TONNIER
Leiter der Zertifizierung
Head of certification

Prüfbericht – Test report

S 23 0079 01 / B

Durchschusshemmende Verglasung

Bullet resistant glazing

Antragsteller:

Applicant:

GLASS SOLUTIONS LLC
WH 1.3 Ras Al Khaimah Port
P.O. BOX 35410
UAE - RAS AL KHAIMAH

Hersteller:

Manufacturer:

GLASS SOLUTIONS LLC
WH 1.3 Ras Al Khaimah Port
P.O. BOX 35410
UAE - RAS AL KHAIMAH

Ort und Datum der Prüfung:

Location and test date (dd.mm.yyyy):

89081 Ulm, 26.10.2023

Prüfvorgabe:

Test requirement:

Nach Kundenspezifikation
Verfahren: STANAG 4569, AEP55; Level 2
To Applicant's specification
Method: STANAG 4569, AEP55; Level 2

Gegenstand der Prüfung:

Item under test:

VSG-Verglasung
Laminated glazing
500 x 500 x 60,90 mm / 33,60 kg
Istmaße / Actual sizes

Typenbezeichnung:

Product reference:

GLASS SOLUTIONS LLC
Referenz / Reference: Sample 1-8

Der Prüfbericht bezieht sich ausschließlich auf das zur Prüfung vorgestellte Prüfobjekt. Prüfberichte ohne Unterschrift und Dienststempel haben keine Gültigkeit. Dieser Prüfbericht darf nur vollständig und unverändert weiterverbreitet werden. Auszüge oder Änderungen bedürfen der Genehmigung des Beschussamtes Ulm. Als rechtsverbindliche Fassung gilt nur die deutsche Ausführung.
This report refers exclusively to the test object presented for the test. Test reports without signature and official stamp are not valid. This report may only be passed on in its entirety and without modification. The use of parts of this report is allowed only with the express consent of the Beschussamt Ulm.
The German version is the only legally binding version.

Akkreditierte Prüf- und
Zertifizierungsstelle

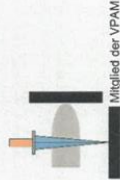


Ulm, den 31.10.2023:

89081 Ulm

Tel.: 0731-9 68 51-0
Fax: 0731-9 68 51-99
beschussamt@rpt.bwl.de
www.beschussamt.eu

S. Springer
Leiter der Prüfung
Head of Certification
Seite 1 von 8 Seite
Page 1 of 8 page



Mitglied der VPAM

Prüfbericht-Nr.:
Test report number:

S 23 0079 01 / B

Beschussamt Ulm e.V.

Allgemeine Angaben

General details

Art der Probennahme: Vom Antragsteller ausgewählt und angeliefert am 20.10.2023
Choosing and delivered on 20.10.2023 (dd.mm.yyyy) by the Applicant

Prüfer:
Tester:
M. Güntner
S. Junginger

Teilnehmer:
Participants:

Prüfvorgaben

Specification of the test

Munitionsart / Type of ammunition

Waffe:
Weapon:

Art
Type
Kaliber / Drilllänge
Calibre / Twist length
7,62 x 39 mm / 240 mm

Prüflauf
Test barrel

Munition:
Ammunition:

Geschoss
Bullet
Geschossgewicht
Bullet weight
7,70 ± 0,10 Gramm / Gram
Losnummer
Lot number
BaU 7.62BZ 1/6/5 L1

Vollmantel, Spitz, Hartkern-Brand; Typ: BZ
Full jacket, pointed, hard core-incendiary; Type: BZ

Geforderte Geschoss-

geschwindigkeit:
Required bullet velocity:

695 m/s ± 20 m/s

Schussentfernung:

Test distance:

10 m



Prüfbericht-Nr.:
Test report number:

S 23 0079 01 / B

Beschussamt Ulm e.V.

Details zum Gegenstand der Prüfung

Details to the item under test

Art:

Sample description:
VSG-Verglasung
Laminated glazing

Abmessungen:

Size / thickness:
500 x 500 x 60,90 mm [Istmaße / Actual sizes]

Anzahl:

8

Aufbau:

(Beginnend mit Angriffssseite)
Composition:
(Starting from the attack face)

10,00mm Gl_{0,76mm PVB 0,76mm PVB} 10,00mm Gl_{0,76mm PVB 8,00mm Gl} 0,76mm PVB 8,00mm Gl_{0,76mm PVB 3,00mm PC}
8,00mm Gl_{0,76mm PVB 8,00mm Gl} 0,76mm PVB 3,00mm PC
[Nennmaße / Nominal sizes]

Gl = Glas / Glass
PVB = PVB-Folie / PVB-fol
PC = Polycarbonat Scheibe / Polycarbonate

Sonstige Angaben:

Further information:

Prüfmustereinlagerung: 24 Stunden bei +21° C
Umgebungstemperatur während der Prüfung: +21° C
Test sample stored prior to test: 24 hours at +21° C
Environmental temperature during the test: +21° C

Probengewicht 33,60 kg
Weight of test sample: 33,60 kg

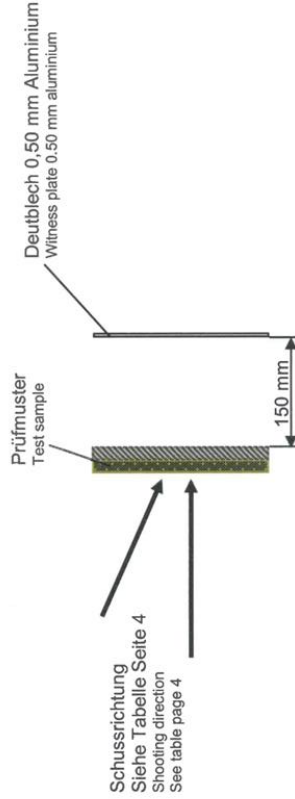
Typenbezeichnung:

Product reference:

GLASS SOLUTIONS LLC

Versuchsaufbau

Test setup



Darstellung der Prüfergebnisse

Presentation of the test results

Kaliber; Geschoss / Calibre; bullet: 7,62 x 39 mm; BZ

Prüfmuster-temperatur
Test sample temperature:
+21 ° C

Trefferbild: Trefferdreieck 120 mm +20 mm
Hit location: Hit triangle 120 mm +20 mm

| Probe Sample | Schuss- folge Shot number | Schuss- richtung Shooting direction | Trefferabstände [mm] Hit distances [mm] | $V_{2,5}$ ¹⁾ [m/s] | $E_{2,5}$ ²⁾ [Joule] | Auswertung ³⁾ Evaluation |
|-----------------|------------------------------------|--|---|----------------------------------|------------------------------------|--|
| 1 09231328 | 1. | 90° 0° Nato | 1 - 2 = 136 | 691 | 1838 | PP |
| | 2. | | 1 - 3 = 137 | 693 | 1849 | PP |
| | 3. | | 2 - 3 = 125 | 710 | 1941 | PP |
| 2 09231327 | 4. | | 4 - 5 = 130 | 705 | 1914 | PP |
| | 5. | | 4 - 6 = 135 | 696 | 1865 | PP |
| | 6. | | 5 - 6 = 133 | 701 | 1892 | PP |
| 3 09230850 | 7. | | 7 - 8 = 125 | 690 | 1833 | PP |
| | 8. | | 7 - 9 = 125 | 693 | 1849 | PP |
| | 9. | | 8 - 9 = 128 | 699 | 1881 | PP |
| 4 09230849 | 10. | | 10 - 11 = 125 | 695 | 1860 | PP |
| | 11. | | 10 - 12 = 120 | 691 | 1838 | PP |
| | 12. | | 11 - 12 = 125 | 698 | 1876 | PP |
| 5 09231416 | 13. | | 13 - 14 = 130 | 694 | 1854 | PP |
| | 14. | | 13 - 15 = 120 | 691 | 1838 | PP |
| | 15. | | 14 - 15 = 125 | 695 | 1860 | PP |
| 6 09231073 | 16. | | 16 - 17 = 125 | 698 | 1876 | PP |
| | 17. | | 16 - 18 = 125 | 697 | 1870 | PP |
| | 18. | | 17 - 18 = 130 | 695 | 1860 | PP |
| 7 09231074 | 19. | | 19 - 20 = 130 | 693 | 1849 | PP |
| | 20. | | 19 - 21 = 130 | 693 | 1849 | PP |
| | 21. | | 20 - 21 = 130 | 695 | 1860 | PP |
| 8 09231326 | 22. | | Einzelschuss / Single shot | 695 | 1860 | PP |

Pendelung: 22 x < 3 Grad (mit Hilfe Pendelkarten ermittelt)

Yaw: 22 x < 3 degrees (determined by using of yaw cards)

1) $V_{2,5}$ = Geschwindigkeit 2,5 m
vor dem Prüfmuster
Bullet velocity 2,5 m in front of the
sample

2) $E_{2,5}$ = Geschwindigkeit 2,5 m vor dem
Prüfmuster
Bullet energy 2,5 m in front of the
sample

3) PP = Teildurchdringung (Deutlich ohne Lichtdurchlass)
Partial penetration (Witness plate without light)

CP = Komplette Durchdringung (Ziel und Deutlich durchdrungen)

Complete penetration (Sample and witness plate penetrated)

o.W. = Ohne Wertung / Without evaluation

RSe = Rückseite der Probe / Rear side of the sample

DBI = Deutlich / Witness plate

oM = ohne Merkmal / Without mark

BoR = Leichte Beule ohne Riss / Little bump without crack

BmRoL = Beule ohne Riss / Bump without crack

BmRuL = Beule mit Riss ohne Lichtdurchlass / Bump with crack without light

Restl = Beule mit Riss und Lichtdurchlass / Bump with crack and light

Restl = Restleistung / Residual penetration

Fotodokumentation

Photo documentation

Probe 1 / sample 1: 09231328



Foto / Photo: Beschussamt Ulm
Nr. / No.: S 23 0079 01; B01



Foto / Photo: Beschussamt Ulm
Nr. / No.: S 23 0079 01; B02

Probe 2 / sample 2: 09231327



Foto / Photo: Beschussamt Ulm
Nr. / No.: S 23 0079 01; B03



Foto / Photo: Beschussamt Ulm
Nr. / No.: S 23 0079 01; B04

Probe 3 / Sample 3: 09230850



Foto / Photo: Beschussamt Ulm
Nr. / No.: S 23 0079 01; B05



Foto / Photo: Beschussamt Ulm
Nr. / No.: S 23 0079 01; B06

Probe 4 / Sample 4: 09230849



Foto / Photo: Beschussamt Ulm
Nr. / No.: S 23 0079 01; B07

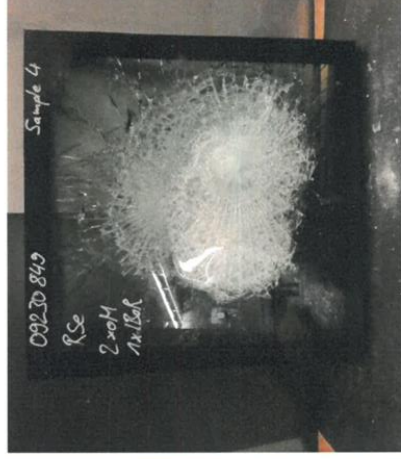


Foto / Photo: Beschussamt Ulm
Nr. / No.: S 23 0079 01; B08

Probe 5 / Sample 5: 09231416



Foto / Photo: Beschussamt Ulm
Nr. / No.: S 23 0079 01; B09



Foto / Photo: Beschussamt Ulm
Nr. / No.: S 23 0079 01; B10

Probe 6 / Sample 6: 09231073



Foto / Photo: Beschussamt Ulm
Nr. / No.: S 23 0079 01; B11



Foto / Photo: Beschussamt Ulm
Nr. / No.: S 23 0079 01; B12

Probe 7 / Sample 7: 09231074



Foto / Photo: Beschussamt Ulm
Nr. / No.: S 23 0079 01; B13



Foto / Photo: Beschussamt Ulm
Nr. / No.: S 23 0079 01; B14

Probe 8 / sample 8: 09231326

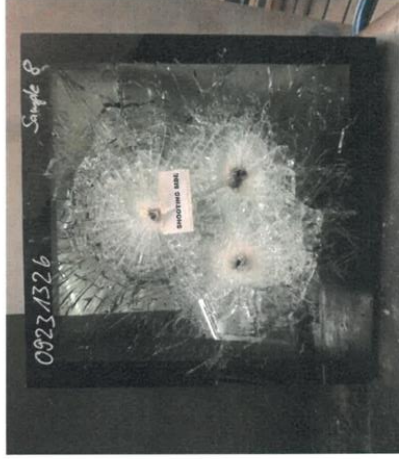


Foto / Photo: Beschussamt Ulm
Nr. / No.: S 23 0079 01; B15



Foto / Photo: Beschussamt Ulm
Nr. / No.: S 23 0079 01; B16

Test and Evaluation Department

Ballistic Testing Facility

Summary Test Result

Ballistic Resistance Test

84 mm Armored Glass

Customized Special Test 0.50 Cal Ball M33 Bullet @ 50m

GLASS SHIELD INDUSTRIAL CO.

JODDB/TEST/BTF/STR/1190

This Summary Test Result relates only to the test specimens tested and should not be published or copied or distributed or reissued to any party whatsoever without the prior written permission of Jordan Design and Development Bureau

Approval

Summary Test Result

Ballistic Resistance Test

84 mm Armored Glass

Customized Special Test 0.50 Cal Ball M33 Bullet @ 50m

GLASS SHIELD INDUSTRIAL CO.

Compiled by

Head of Weapons, Ammunition & Armor Testing
Eng. Issa Abed AL Rahman Rawashdeh

Approved by

Head of Test & Evaluation Department
Dr. Eng. Riyad Ali Ratrouf

Signature



Date

7 August 2023

I. Test Data

| | |
|------------------------------|--|
| Requester | JODDB / Sales |
| Contractor | GLASS SHIELD INDUSTRIAL CO./ Warehouse No. W 8 Block 14, AQABA, JORDAN |
| References | <ul style="list-style-type: none"> • Test and Evaluation Request No.1190 dated 03/07/2023 • Test Proposal No. JODDB/TEST/BTF/TP/1190-1 Dated 01/08/2023 <p>(See Appendix A)</p> |
| Test Sample | 84.45mm Ballistic Glass/S.N.11218743 / Size 1000x1000mm |
| Manufacturer | GLASS SHIELD INDUSTRIAL CO. |
| Test Type | Ballistic Resistance Test |
| Test Standard | Customized Special Test "0.50 Cal Ball M33 Bullet" |
| Test Site | Ballistic Testing Facility (JODDB) |
| Samples Received Date | 31 st July 2023 |
| Test Temperature | 22 °C |
| Test Weapon | NATO Universal Ballistic Breech with standard barrel: 12.7x99mm SN:3834 |
| Type of Bullets | 0.50 Cal Ball M33 Bullet Batch No.00307/H |
| Test Equipment | <ul style="list-style-type: none"> • Doppler Radar SN.3503-13-270-011 (± 0.4 m/s) • Digital caliper SN. 112167 (± 0.05 mm) • Temp .Hum. Meter SN:95941255 (± 0.3 °C) • Distance laser Measuring Device (Lacia) SN. 1030969032 (± 2 mm) |
| Test Conducted By | <ul style="list-style-type: none"> • Eng. Ali Sardyah • Eng. Sameer Obaidat • Eng. Mohammad Akilan • Seiner Technician- Jalal Gulilat • Seiner Technician Hasn Debs • Technician Islam Al Qusashi • Technician Muath Anagreh |
| Test Date | 2 nd August 2023 |

Note: The results contained in this Summary Test Result are only valid for detailed above and the Summary Test Results shall not be reproduced except in full without approval of the laboratory.

2. Test Results

| 84.45mm Ballistic Glass/S.N.11218743 / Size 1000x1000mm Customized Special Test | | | |
|--|----------|--------------------------------|--|
| Threat | Shot No. | Bullet Velocity @ 50m (m/s) | Status P- Perforation NP- No Perforation |
| "0.50 Cal Ball M33 Bullet" @ 50m Distance between shots 35±5 cm | 1 | 926.3 | NP |
| | 2 | 917.7 | NP |
| | 3 | 910.6 | NP |
| NP- No Perforation. See photos No.2 | | | |
| P- Perforation: Perforation of the test Sample by the bullet or parts of the bullet or perforation of the witness foil. | | | |
| NP- No Perforation: No perforation of the test Sample by the bullet or parts of the bullet and No perforation of the witness foil. | | | |

RANGE EQUIPMENT & CONFIGURATION

THE GUN

he test sample was shot from the NATO Universal Ballistic Breech with the appropriate standard barrel and
ullet type to give projectile stability.

ELOCITY MEASUREMENT

he projectile velocity was measured using Doppler Radar System at 1 m from the Striking Face with uncertainty
.4 m/s

ISTANCE MESUREMENTS

est range distance was measured by laser measuring device with uncertainty 2 mm, striking distances were
arked by a digital calipers with uncertainty 0.05 mm.

UPPORT FIXTURE

he test sample was supported by a fixture that permits its position and attitude to be readily adjusted so that it is
ependicular to the line of flight of the bullet at the point of impact.

IMING

he aiming process has been achieved by using standard laser bullets.

HOT PLACEMENT

ll shots hit the test sample in the required pattern, with the required place.

PLINTER COLLECTING BOX & WITNESS FOIL

is fully enclose the space between the test piece and the 0.02 mm thickness standard witness foil with density 54
/m² which is mounted in the splinter collecting box in a vertical position at a distance of (500 ± 10) mm behind
re test piece.

Close Focus Research

Ballistic Testing Services

Phone: 800-513-4291 Email: techsupport@CloseFocusResearch.com

Name: Glass Solutions LLC

Address: WH 1.3 Ras Al Khaima Port, Al Mairid Corniche, P.O Box

Phone: +971 7 2080092 / Mobile: +971 50 317065

Page 1 of 2

Ballistic Test Report

Report Number: BTR-01-20-2022-Sample 3

CloseFocusResearch.com

Report Date: January 20, 2022

Contact: Lariza Dela Cruz

Email: rhiza02.glassolutions@gmail.com

Ballistic Results

Project Summary

Type of Products to be tested: Bullet Resistant Glazings

Test Specimen Sample size(s): 500 x 500 mm

Number of test specimens: 3 Samples

Weight of all samples: 291.6 lbs

Are Materials a Health Hazard: No

Need the Tests performed by: within 5 days

Need products shipped back: No

Purchase Order Number: Not Applicable

International Ballistic Standards / Specifications Testing

☐ ASTM ☐ Canadian ☐ FRA ☐ NIJ ☐ CFR Pass All

☐ Australian ☒ EN1063 ☐ Germ DIN ☐ State Dept ☐ CFR SYA

☐ British ☐ EN1522/23 ☐ MIL-SAMIT ☐ UL 752 ☐ Other

Test Standard: European EN1063 [No Splinters]

Particular Test: EN BR7 [NS] [7.62 x 51 NATO 150 gr FCJ SHC AP]

Velocity Range: 2,657 to 2,723 ft/s

Shots: 3 shots

Shot Pattern: 4.3 to 5.1 inch triangle

Test Results

Test Sample:

Sample 3

Item / Part Number:

3 / SR. 12219914

Date of Manufacture:

January 7, 2022

Description:

Bullet Resistant Glazing

Sample Size:

19.7 x 19.7 inch (500 x 500 mm)

Thickness:

3.060 inch (77.7 mm)

Weight:

97.2 lbs (44.1 kg)

Weapon Type:

7.62 NATO

Cartridge / Projectile Type:

7.62 x 51 NATO FCJ steel hard core AP

Projectile Weight:

150 grains

Target Distance:

32.8 feet

Number of Shots:

3 shots

Shot Sequence:

| Shot Sequence: | Shot 1 | Shot 2 | Shot 3 |
|---|--------|--------|--------|
| Impact Velocity (ft/sec) *: | 2,688 | 2,695 | 2,698 |
| Impact Energy (ft-lbs): | 2,406 | 2,419 | 2,424 |
| Impact Momentum (lb-sec.): | 1.79 | 1.79 | 1.80 |
| Impact Angle (degrees): | 0 ° | 0 ° | 0 ° |
| Sample Penetration: | NP | NP | NP |
| Witness Plate Penetration: | NP | NP | NP |
| Impact Spacing (inches) **: 4.23 inch (average) | 4.30 | 4.60 | 3.80 |

Impact Spacing / Pattern:

0.0008 in. Thick Type 1100 Aluminum foil

Witness plate material:

17.32 x 17.32 in.

Spall catch box:

19.7 inches

Witness / Box Distance:

No spall occurred

Spall Occurrence:

63 ° F

Test Temperature:

January 20, 2022

Test Date:

Passed the Test

Pass / Fail Results:

Comments:

Footnotes

* Velocity measurements were taken at a distance of 8.2 feet from muzzle.

** Impact Spacing is the distance between shots (shot 1= 3 to 1, shot 2 = 1 to 2, shot 3 = 2 to 3)

Test and Report Engineers

Tested and Reported by: Sam Raheb

Signature:

Date: January 20, 2022

Form: BTR22P-12 © 2/06 Close Focus Research

Close Focus Research

Ballistic Testing Services

Phone: 800-513-4291 Email: techsupport@CloseFocusResearch.com

Page 2 of 2

Ballistic Test Report

Report Number: BTR-01-20-2022-Sample 3
CloseFocusResearch.com

Name: Glass Solutions LLC

Report Date: January 20, 2022

Ballistic Test Results and Photographs

Ballistic Test Results:

Test Sample 3 passed the European EN1063 [No Splinters] EN BR7 [NS] (7.62 x 51 NATO 150 gr FCJ SHC AP) Ballistic test. There was no complete penetration of the test sample from any of the 7.62 x 51 NATO FCJ steel hard core AP caliber projectiles. This test sample is assigned the EN1063 [NS] No Splinters Rating.

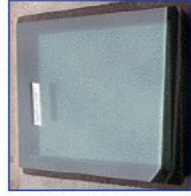
Witness Plate and Spall Effects:

No spall occurred or damage to the 0.0008 in. thick Type 1100 Aluminum foil witness plate was observed.

Photographs

The following photographs show both the pre and post-test sample. Additional larger sized photographs are included with this report.

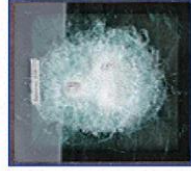
Sample 3: SR. 12219914 - D.O.M. January 7, 2022 - EN BR7 [NS] - 500 x 500 x 77.7 mm



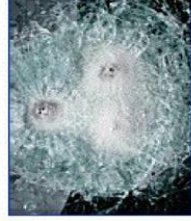
Pre Test Impact Side



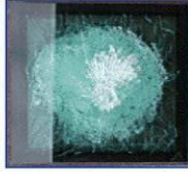
Pre Test Rear Side



Post Test Impact Side



Post Test Impact Side



Post Test Rear Side



Post Test Rear Side

Test and Report Engineers

Tested and Reported by: Sam Raheb

Signature: 

Date: January 20, 2022

Form: BTR22P-12 © 2/06 Close Focus Research

4-Official Papers

| | | |
|-----------------|------------|----------------|
| Proof Number | 1069044751 | رقم الإثبات |
| Original Date | 27/7/2025 | تاريخ الإصدار |
| Expiration Date | 23/1/2026 | تاريخ الانتهاء |



العنوان الوطني
NATIONAL ADDRESS

إثبات عنوان Address Proof

Address Holder Details

بيانات صاحب العنوان

| | | | | | | | | | | | | | | | |
|---------------|---------------------------|---|---|---|---|---|---|---|---|---|----------------------|------------|--|--|-------|
| Name | Company Modern Metalworks | | | | | | | | | | شركة مودرن ميتالوركس | | | | الاسم |
| Customer Acc. | 3 | 1 | 3 | 3 | 2 | 7 | 3 | 0 | 0 | 4 | 0 | رقم الحساب | | | |
| Reg. Date | 27/7/2025 | | | | | | | | | | تاريخ التسجيل | | | | |

Address Details

تفاصيل العنوان

| | | | | | | | | | | | | | | | | | | |
|-------------------------|--|--|--|--|--|--|--|--|--|------------|---|---|---|---|---|---|---|--------------------------|
| Short Address | | | | | | | | | | J | E | S | A | 7 | 6 | 2 | 6 | العنوان المختصر |
| Building No. | | | | | | | | | | 7626 | | | | | | | | رقم المبنى |
| | | | | | | | | | | Ahmad Zeni | | | | | | | | احمد زينل |
| Secondary No. | | | | | | | | | | 3042 | | | | | | | | الرقم الفرعي |
| Postal Code | | | | | | | | | | 3042 | | | | | | | | حي السلامة |
| | | | | | | | | | | 23525 | | | | | | | | الرمز البريدي |
| City | | | | | | | | | | 23525 | | | | | | | | المدينة |
| JEDDAH | | | | | | | | | | | | | | | | | | جدة |
| Kingdom of Saudi Arabia | | | | | | | | | | | | | | | | | | المملكة العربية السعودية |



للتحقق عنوان

<https://proof.address.gov.sa/VerifyProofNA.aspx>

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شيء من ذلك، كما يعرض صاحبه للمساءلة القانونية.

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شهادة

منشأة غير خاضعة لأحكام النظام

| اسم المنشأة | شركة مودرن ميتالورجيكس |
|----------------|------------------------|
| اسم صاحب العمل | |
| رقم الاشتراك | 655656324 |
| العنوان | السعودية 23525 |

| عدد المشتركين السعوديين | عدد المشتركين غير السعوديين | المجموع |
|-------------------------|-----------------------------|---------|
| رقم | | |
| كتابة | | |

تشهد المؤسسة العامة للتأمينات الاجتماعية بأن المنشأة المذكورة أعلاه قد أوفت بالتزاماتها تجاه المؤسسة وفق البيانات المقدمة منها حتى تاريخ إصدار هذه الشهادة، والتي تم منحها لتقديمه لأية جهة تطلبها، وهي صالحة لجميع الأغراض التي نصت عليها الفقرة (6) من المادة (التاسعة عشر) من نظام التأمينات الاجتماعية الصادر بالمرسوم الملكي رقم (م/33) بتاريخ 1421/9/3 هـ و المادة (العاشرة) من نظام التأمينات الاجتماعية الصادر بالمرسوم الملكي رقم (م/273) وتاريخ 1445/12/26 هـ.

هذه الشهادة سارية المفعول حتى 1447/03/03 هـ.

الشهادة معتمدة من صاحب الصلاحية ولا تحتاج لتوقيع أو ختم



تحقق من صحة وصلاحية الشهادة عبر زيارة الرابط أدناه في الموقع الإلكتروني للمؤسسة العامة للتأمينات الاجتماعية أو عن طريق استخدام الرمز المعرف التالي
بعد هذه الشهادة من الوثائق الإلكترونية الرسمية ويحظر قطعاً نقلها أو إدخال أي تعديلات عليها سواء بالاصطاف أو الحذف أو التغيير في بياناتها أو غير ذلك من أنواع التعديل وبعد الشهادة لقيمة إذا ضلها نتي من ذلك كما تعرض صاحبها للملاحقة التأديبية أمام الجهات المختصة بالوصافة إلى ما يقرره نظام التأمينات الاجتماعية من عقوبات ولا يجوز تداول الشهادة إلا في الصورتين أعلاه وفقاً لأحكام نظام التأمينات الاجتماعية. والمؤسسة العامة للتأمينات الاجتماعية غير مسؤولة عن أي عملية تزوير أو تعديل تتم على البيانات الواردة فيها.



800 124 3344
gosi.gov.sa
المملكة العربية السعودية، الرياض 12622 - 8308 حي الوزارات 3795
Kingdom of Saudi Arabia, Riyadh 12622 - 8308 Al Wizarat 3795



15823113100441

TIN

الرقم التعريفي

3130869851

Certificate No.

رقم الشهادة

100251143100441

Certificate date

تاريخ الشهادة

→

1447/01/02



هيئة الزكاة والضريبة والجمارك
Zakat, Tax and Customs Authority

المملكة العربية السعودية
Kingdom of Saudi Arabia

شهادة تسجيل الزكاة

Zakat Registration Certificate

The Zakat, Tax and Customs

تسجد هيئة الزكاة والضريبة

Authority certifies that the Taxpayer

والجمارك أن المكلف /

Company Modern Metalworks

Entity Unified No./ID No

7050493530

الرقم الموحد للمنشأة / رقم هوية

Is registered on 02/01/1447 AH corresponding to
27/06/2025 AD

مسجل لديها بتاريخ 1447/01/02 هـ الموافق 2025/06/27م

(The second of Muharram one thousand four hundred forty-seven
Hijri)

(الثاني من محرم ألف و أربعمائة و سبعة و أربعون هجري)

Was granted this certificate to complete all transactions.

وفد منح هذه الشهادة لإتمام جميع معاملاته .

يمكن التحقق من صلاحية الشهادة عبر موقع الهيئة www.zatca.gov.sa

The validity of the certificate can be verified via the Authority's website www.zatca.gov.sa



zatca.gov.sa

19993

@zatca_ssa

هذه الوثيقة مستخرجة من النظام الإلكتروني ولا تحتاج إلى توقيع
و لا يعتد بهذه الشهادة إلا بعد التحقق من موقع الهيئة
www.zatca.gov.sa



TIN 3130869851

Certificate No. 100251146713332

Certificate date 27/07/2025



هيئة الزكاة والضريبة والجمارك
Zakat, Tax and Customs Authority

المملكة العربية السعودية
Kingdom of Saudi Arabia

شهادة تسجيل في ضريبة القيمة المضافة VAT Registration Certificate

تشهد هيئة الزكاة والضريبة والجمارك بأن المكلف أدناه مسجل في ضريبة القيمة المضافة بتاريخ ٢٠٢٥/٧/٢٧ م
The Zakat, Tax and Customs Authority certifies that taxpayer below is VAT registered on 27/07/2025 AD

| Taxpayer Name | Company Modern Metalworks | اسم المكلف |
|------------------------------|--------------------------------|--|
| VAT Registration Number | 313086985100003 | رقم التسجيل الضريبي |
| Effective Registration Date | 2025/07/01 | تاريخ فاعذ التسجيل |
| Taxpayer Address | 23525, Jeddah, As Salamah Dist | عنوان المكلف |
| CR / License Contact / ID No | 7050493530 | رقم السجل التجاري / الإخصة / العقد / الهوية |
| Tax Period | Quarterly - سنوي | الفترة الضريبية |
| First Filing due date | 2025/10/31 | تاريخ استحقاق أول إقرار ضريبي |

ملاحظة: كمكافئين مسجلين في ضريبة القيمة المضافة، لا يجوز لكم تحصيل ضريبة القيمة المضافة من عملائكم قبل تاريخ فاعذ التسجيل في الضريبة. وفي حال تبين غير ذلك ستقوم هيئة الزكاة والضريبة والجمارك بتنفيذ الغرامات المستحقة

Note: As a VAT registered taxpayer, you are not allowed to collect VAT from your customers prior to the effective date of the tax registration. If otherwise approved, The ZAKAT, Tax and Customs Authority will impose the applicable penalties



zatca.gov.sa

19993 @zatca_Sa



هذه الوثيقة مستخرجة من النظام الآلي ولا تحتاج إلى توقيع
و لا يعتد بهذه الشهادة إلا بعد التحقق من موقع الهيئة
www.zatca.gov.sa

شهادة السجل التجاري

شركة مودرن ميتالوركس

الرقم الوطني الموحد: 7050493530

تاريخ الإصدار: 27/06/2025

نوع الكيان: شركة ذات مسؤولية محدودة

صفات الشركة : (شخص واحد)

حالة السجل: نشط

البيانات الأساسية للسجل التجاري



7050493530

5-Joint Ventures



Joint Ventures (SunFrame)

SunFrame Construction Consulting Co.,LTD.

A subsidiary of Yongli Group, Construction Consulting Co., Ltd. was established in September 1986. Over the years, it has grown into a large-scale, multi-functional enterprise, recognized for its expertise and innovation in the construction industry.

The company is not only a leading manufacturer of aluminum profiles but also holds first-class qualifications in façade design. Our specialization covers a wide range of building envelope solutions, including glass façades, aluminum composite panel (ACP) façades, Mashrabiya, and other architectural cladding systems.

We also provide complementary products such as aluminum and glass windows and doors, sunshades, sunrooms, canopies, glass balustrades, louvers, and more.

From concept to completion, we offer end-to-end services—covering design, material supply, project management, and installation—ensuring quality, precision, and client satisfaction at every stage.

Joint Ventures (SunFrame)

Almost 35 years experience, has become a large comprehensive aluminum alloy profile manufacturing enterprise in China.

Annual Capacity

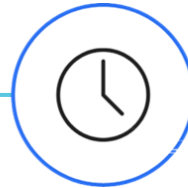
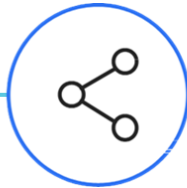
Extrusion: 100,000 ton
Facade Fabrication: 500,000sqm

Staff

Over 200 Senior and Intermediate
technical engineers;
over 1000 Staff & Workers



**Production
Area Over**
200,000 sqm



Alu Products Standards

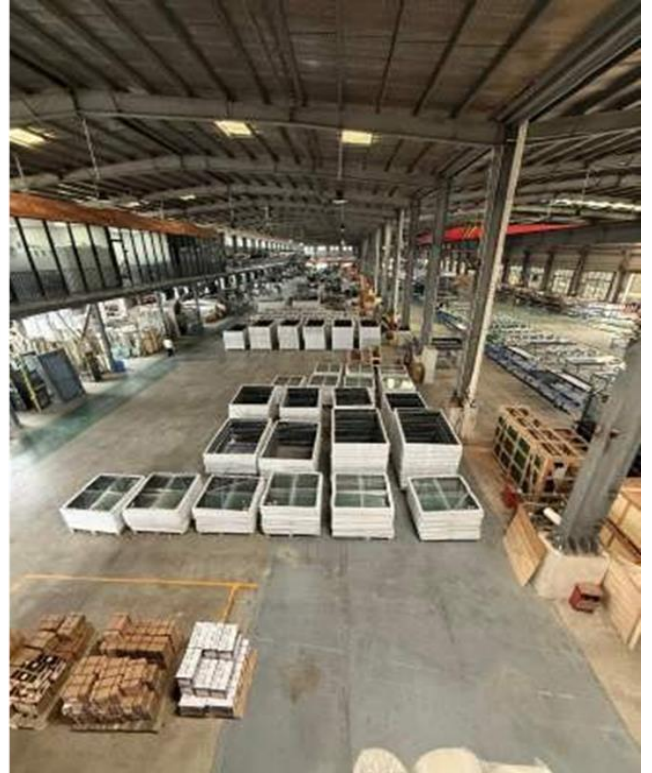
National GB5237 ISO9001;ISO14001;
OHSAS18001 Japanese JISH4100;
JISH8601; JISH 8602;JISH8601; JISH 8602;
US AAMA 2603; AAMA2604; AAMA2605; UK
BS6496;



SunFrame Locations



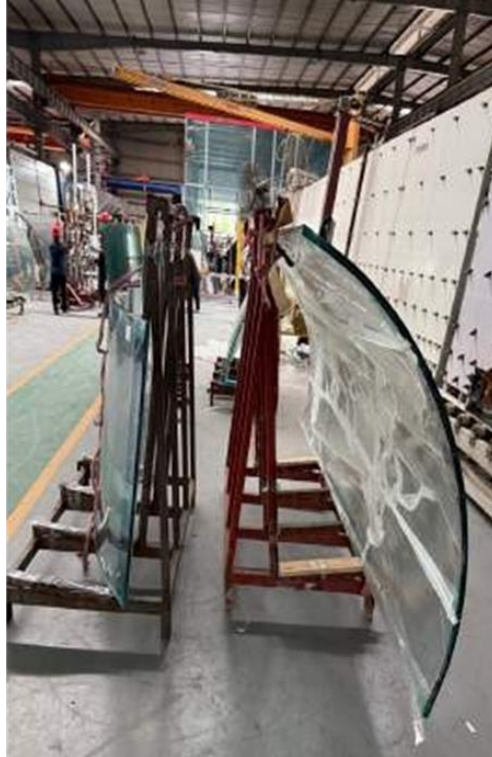
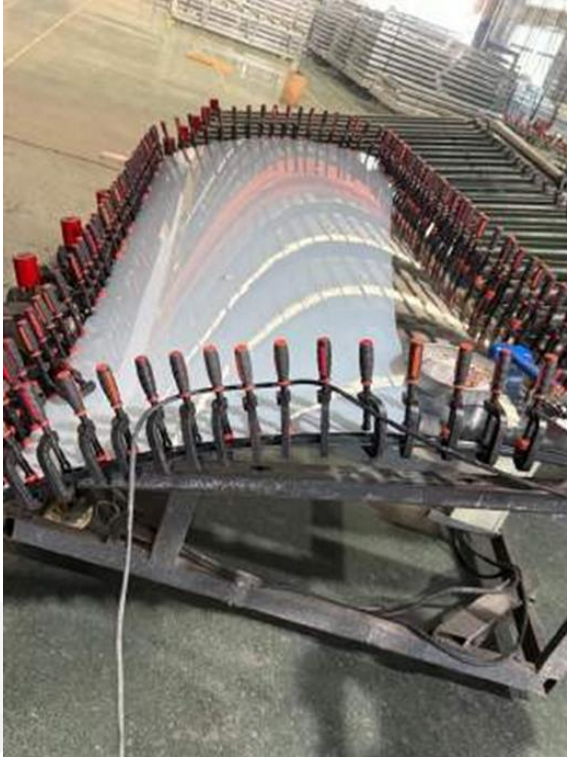
SunFrame Fabrication Area



SunFrame Fabrication Area



SunFrame Fabrication Area



SunFrame Fabrication Area



Extrusion Material



Aluminium Fabrication



Surface Treatment



SunFrame Fabrication Area



Assembly

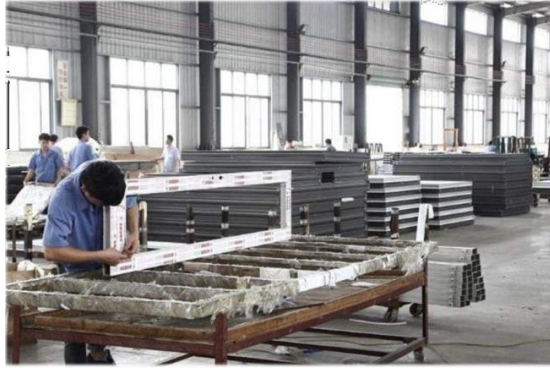


Storage



Workshop View

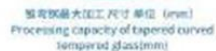
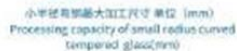
SunFrame Fabrication Area



Assembling & Fabrication

Honors & Certifications

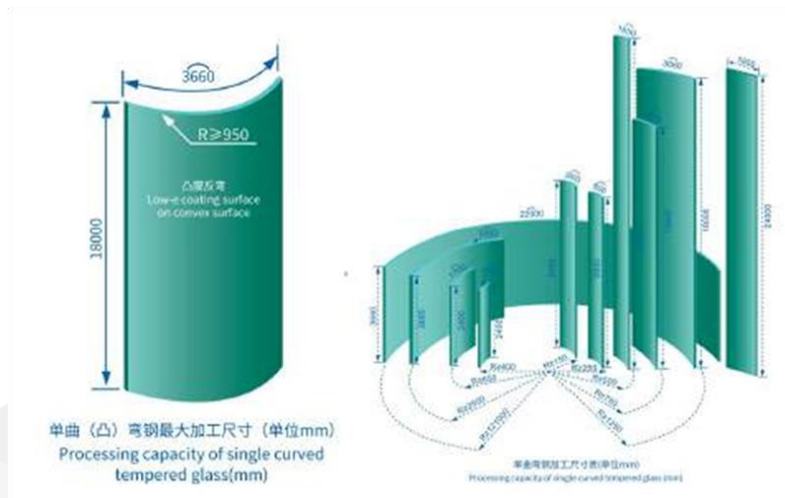




Type Of Glass Works

Single Curved Glass

| Composite processing technology | Digital printing glass | Flat and curved tempered glass | Laminated Glass | Insulated Glass |
|---------------------------------------|------------------------|--|--|-----------------|
| Maximum Process Size | | $\widehat{3660 \times 18000\text{mm}}$ | $\widehat{1650 \times 24000\text{mm}}$ | |
| Maximum Load | | 700 KG/m ² | | |
| Minimum U Value w/ m ² .°C | | 0.76 | | |



Type Of Glass Works

Multi Curved Glass

| Composite processing technology | Digital printing glass | Flat and curved tempered glass | Laminated Glass | Insulated Glass |
|--|------------------------|---|-----------------|-----------------|
| Maximum Process Size | | $\widehat{3660} \times \widehat{13000} \text{mm}$ | | |
| Maximum Load | | 700 KG/m ² | | |
| Minimum U Value w/ m ² ·°C | | 0.76 | | |



Ruci Museum, China

Type Of Glass Works

Semi Circular Curved Tempered Glass

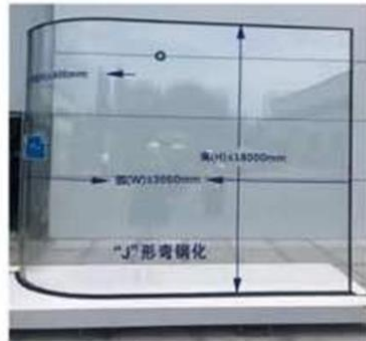
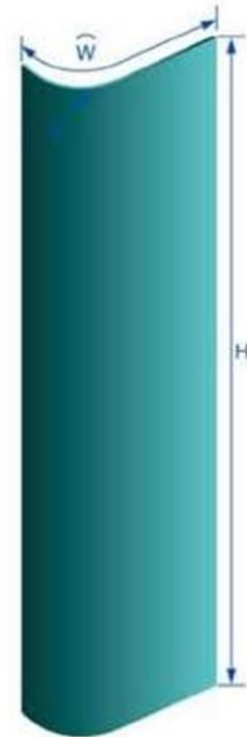
| Capable of processing | | |
|-----------------------|--------|---------|
| R | W | H |
| 150mm | 471mm | 5000mm |
| 250mm | 785mm | 5000mm |
| 500mm | 1571mm | 24000mm |
| 750mm | 2356mm | 13000mm |
| 1250mm | 3660mm | 18000mm |



Type Of Glass Works

J-Shaped Curved Tempered Glass

| Capable of processing | | |
|-----------------------|--------|---------|
| R | W | H |
| 150mm | 471mm | 5000mm |
| 250mm | 785mm | 5000mm |
| 500mm | 1571mm | 24000mm |
| 750mm | 2356mm | 13000mm |
| 1250mm | 3660mm | 18000mm |



Type Of Glass Works

V-Shaped Curved Tempered Glass

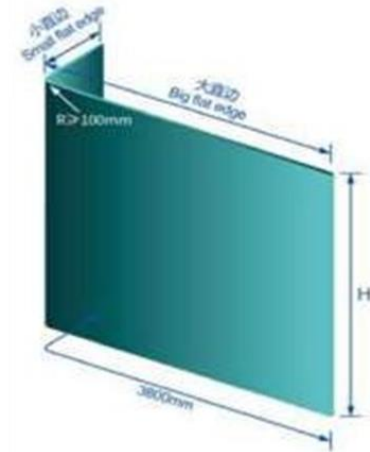
| Capable of processing | | |
|-----------------------|--------|---------|
| R | W | H |
| 150mm | 471mm | 5000mm |
| 250mm | 785mm | 5000mm |
| 500mm | 1571mm | 24000mm |
| 750mm | 2356mm | 13000mm |
| 1250mm | 3660mm | 18000mm |



Type Of Glass Works

L-Shaped Curved Tempered Glass

| Capable of processing | | |
|--|--|-----------------------|
| Small flat edge | Big Flat Edge | H |
| $300\text{mm} \leq \text{edge} \leq 1200\text{mm}$ | $300\text{mm} \leq \text{edge} \leq 2600\text{mm}$ | $\leq 10000\text{mm}$ |



Type Of Glass Works

U-Shaped Curved Tempered Glass

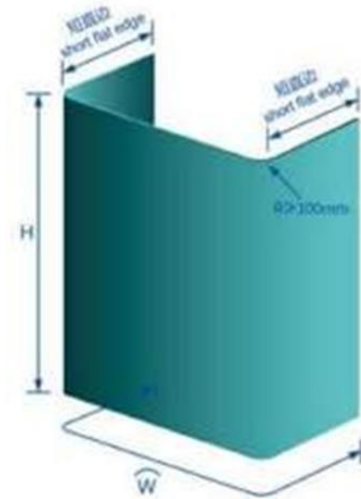
| Capable of processing | | |
|-----------------------|---------|---------|
| R | W | H |
| 500mm | 3300mm | 5000mm |
| 500mm | 3660mm | 3660mm |
| 500mm | 5000mm | 3660mm |
| 500mm | 6000mm | 3660mm |
| 500mm | 8000mm | 3660mm |
| 500mm | 10000mm | 3660mm |
| 500mm | 1650mm | 24000mm |
| 750mm | 2400mm | 13000mm |
| 1250mm | 3660mm | 18000mm |



Type Of Glass Works

C-Shaped Curved Tempered Glass

| Capable of processing | | |
|-----------------------|---------------------|-----------------------|
| W | Short Flat Edge | H |
| $\leq 3660\text{mm}$ | $\leq 400\text{mm}$ | $\leq 10000\text{mm}$ |



Types Of Aluminum Works

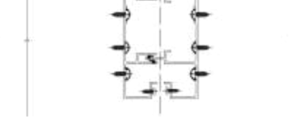
UN 150

UNITIZED CURTAIN WALL

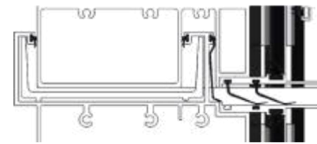
Thermal Break/ Enhanced Stability / Convenience / Waterproof



PERFORMANCE CHARACTERISTICS



Yin and Yang mosaic connection enhance stability



Four-layers waterproofing design



U-Value:
↑ to 1.5 W/(m²·K)



Sound Insulation
↑ to 52 dB



Wind load Resistance
±1.40kPa/ ±2.10kPa



Air permeability
±300 Pa



Light Reduction



Water Resistance



Light Transmittance



Thermal Break



Quick Installation

Glazing Options: 24-60mm thk

- Float glass
- Laminated glass
- Insulated glass
- UV-coated glass
- Double / triple silver Low-E glass

UN 150 construction schedule



Site built construction schedule

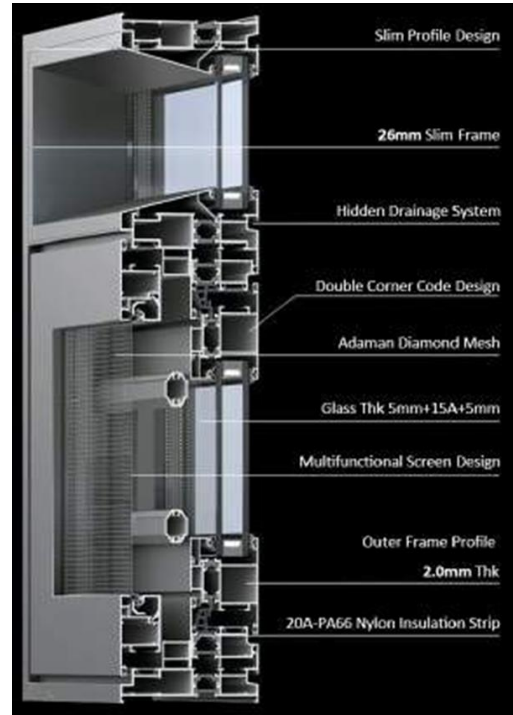


**American
Architectural
Manufacturers
Association**

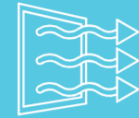
Types Of Aluminum Works

ULTRA-106

26MM ULTRA SLIM CASEMENT WINDOW



Waterresistance 600 Pa



Full screen window mesh
enhanced ventilation



Thermal Break System



Noise Reduction over 40dB

Types Of Aluminum Works

140A



**17MM MINIMALIST
SLIDING WINDOWS**

17mm Ultra-Narrow Frame / Thermal Break / Embedded handle



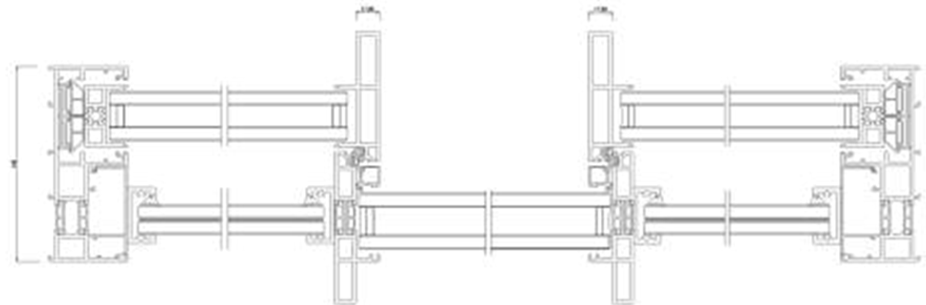
Hollow Aluminum Strip with
Molecular Sieve Embedded
Window Leaf

Thermal break profiles
Enhanced energy efficiency and
indoor comfort

17mm Ultra-Narrow Frame

Standard Glass: **5mm+12A+5mm**

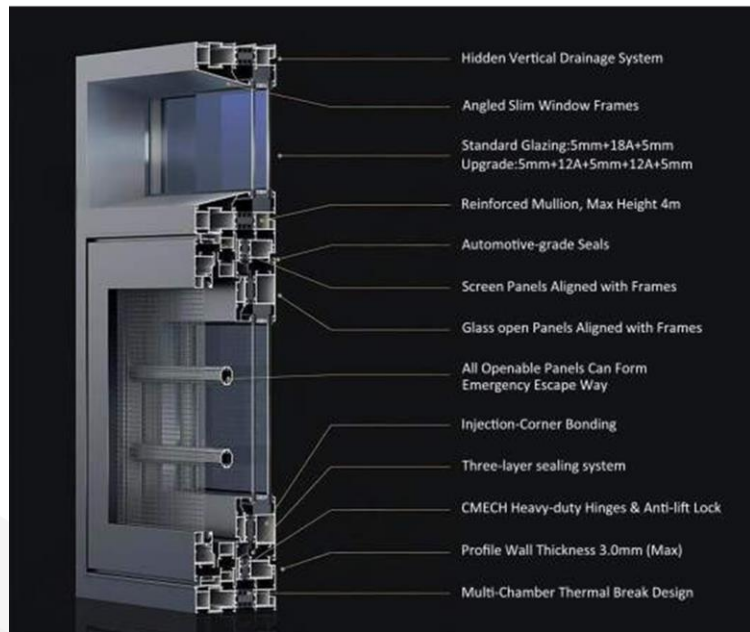
Slope drainage design
Effective Water Management
Reduced Maintenance



Types Of Aluminum Works

121

TILT & TURN THERMAL
BREAK CASEMENT WINDOW

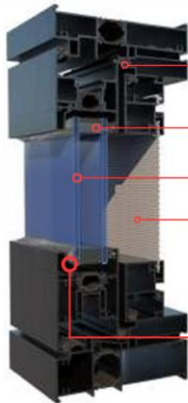


| Technical Parameters | | | |
|--|--|------------------------------------|------------------------|
| Viewing Surface Width | Profile Occupies Space | Glass Configuration | Profile Wall Thickness |
| Frame - 56mm Mullion - 78mm Opening - 56mm | Frame - 121mm Mullion - 170mm Opening - 61mm | 5mm+18A+5mm 5mm+12A+5mm+12A+5mm | 1.8mm-3.0mm |

Types Of Aluminum Works

125

125 INSULATED SLIDING WINDOW SYSTEM



Multi-chamber system
design for Quieter and better insulation

Hollow Aluminum Strip with **Molecular Sieve**

Glass configuration: **5mm+12A+5mm**

Effective Mosquito Prevention
Bent screen design with screw-secured vertical installation ensures sturdy and secure screen setup

Sealing Strip with Hook Design
Reduces metal collision noise, providing collision buffering and excellent sound insulation
Dust-proof brush strip enhances overall window quality



Types Of Aluminum Works

AUTOMATIC DOOR SERIES

EMERGENCY SLIDING DOOR SERIES



Description

Width Of Sliding Panel

Door Height

No. of Slidable Panel

Emergency Exit Door

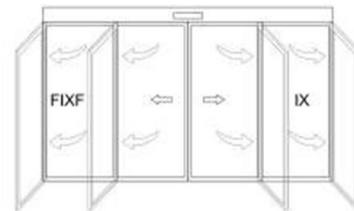
Parameter(mm)

800~3000

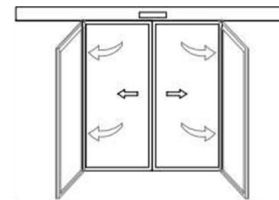
2100-3000

1 or 2 panels

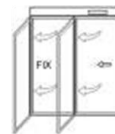
2 or 4 panels



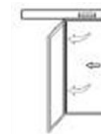
Double Translation Four
Automatic Escape Doors



Single Horizontal Double
Automatic Escape Door



Double Translation Double
Automatic Escape Door



Double Open Four
Panning Doors



Dunker
Motoren



Development
Capabilities



Extra Long
Warranty



Security



Silent Track



Tailor-Made



Assembly Test



Technical Support



Easy To Install

Types Of Aluminum Works

80Z

**THERMAL BREAK
BI-FOLD DOOR**



Certified Product
Australian
Standard



6063 aviation - grade virgin aluminum

Resistant to corrosion, offers excellent durability and strength

Superior Thermal Insulation

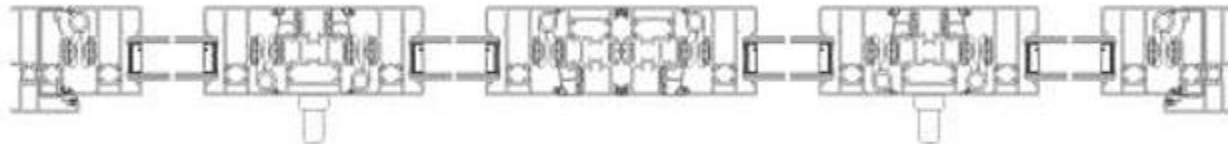
vertical isothermal line design and 20A - PA66 nylon thermal break strip

Outstanding Noise Reduction

Capable of achieving a noise reduction of over 40dB

Exceptional Sealing Performance with reinforcement mullion

Hidden Drainage System



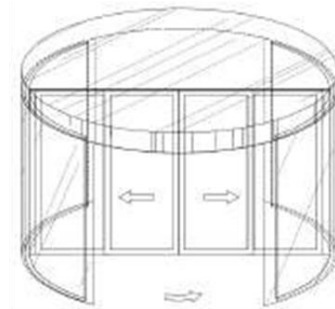
Types Of Aluminum Works

AUTOMATIC DOOR SERIES

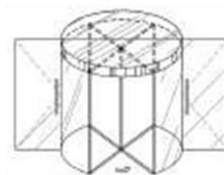
AUTOMATIC REVOLVING DOOR SERIES



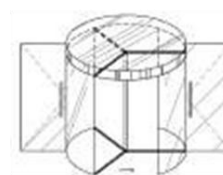
| Description | Parameter |
|---------------------|-----------------------------------|
| Style | 2/3/4 wings revolving door |
| Door Panel Height | ≤2500 mm |
| Min. Radius | ≥1500 mm (Recommend) |
| Door Sill Height | 300 mm |
| Door Frame Material | Stainless steel Aluminum alloy |



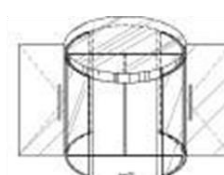
Double- wing Revolving Door And Sliding Door



Four-wings Revolving Door



Three-wings Revolving Door



Double-wing Revolving Door



SunFrame Cooperation Letter



مودرن ميتال ووركس
MODERN METAL WORKS

Date: [09/10/2025]

To: The Management of Sunframe.

China - KSA

Cooperation Letter

We, Modern Metal Works, are pleased to propose a Cooperation Letter with Sunframe to collaborate and share our experience and capabilities in the metal and façade industries.

We believe that by combining our strengths, we can deliver better solutions, expand opportunities, and achieve greater success together.

Thank you for considering this proposal. We look forward to a fruitful collaboration.

Sincerely,

General Manager

Eng. Kenan Ramadan



C.R: 7050493530

☎ 0124224223 ✉ info@modern-mw.com

📍 Ahmed Zaki Al Salamah, Jeddah 2222

Joint Ventures (ALFATECH)

Founded in 2003, ALFATECH is a leading Saudi-based company specializing in aluminum facades, windows, doors, skylights, domes, and cladding.

With a strong presence in both local and international markets, ALFATECH is recognized for delivering innovative, high-quality aluminum solutions that enhance building aesthetics, functionality, and sustainability.

With a robust portfolio of projects across Saudi Arabia and beyond, ALFATECH has collaborated with top developers, architects, and contractors.

The company is known for its reliable, customized solutions and a strong track record of customer satisfaction.

List Of Machineries

| Machinerv and Equipoment – Fabrication | |
|--|--------|
| Protection Tape Machine | 2 No. |
| Automatic Cutting Machine Saw Dia 380mm | 5 No. |
| Automatic Double saw Cutting Machine Saw Dia 420mm | 2 No. |
| | |
| Double saw Cutting Machine Saw Dia 400mm | 2 No. |
| Automatic Double saw Cutting Machine Saw Dia 500mm | 1 No. |
| Cladding Cutting Machine CNC 13m | 1 No. |
| Cutting Saw Machine | 1 o. |
| Drilling Machine | 5 Nos. |
| | |

List Of Machineries

| New Machinery and Equipment – Fabrication | |
|--|-------|
| Automatic CNC machining center with 4 controlled axis machine | 1 No. |
| Automatic Cutting Machine with Automatic adjustable feeding system | 1 No. |
| Advanced & High speed CNC Router for composite panels | 1 No. |
| NC Hydraulic press brake | 1 No. |

List Of Machineries

| <u>Machinery and Equipment – Fabrication</u> | |
|---|---------|
| End Milling Machine | 3 No. |
| Milling Machine | 2 No. |
| Crimping Machine | 2 No. |
| Bending Machine | 1 No. |
| Sheet Bending Machine | 1 No. |
| | |
| Hydraulic Notching Machine | 9 No. |
| Punching Machine | 4 No. |
| | 1 No. |
| Panel Rolling Machine | 1 No. |
| Air Compressor (Cobafer) | 2 Nos. |
| Press Drill | 35 Nos. |
| Welding Machine (Miller) | 10 Nos. |

List Of Machineries

| <u>Machinery and Equipment – Transportation and Handling</u> | |
|---|---------------------------|
| Buses | 2 Nos. |
| Pickup (3.5 Tons) | 5 Nos. |
| Double Cabin Pickup | 7 Nos. |
| Boom Crane | 2 No. |
| Cradles | 25 Nos. |
| Scaffoldings | 2000 m² |

Joint Ventures (KIN LONG)

Founded in **2003**, **KINLONG** is a leading company in the **construction hardware industry**, and the **first A-share listed company** in this field (2016).

The company focuses on **innovation, manufacturing excellence, and customer satisfaction**, offering **comprehensive solutions** for modern construction needs.

With strong **R&D capabilities**, advanced systems, and a wide supplier network, KINLONG provides **high-quality, reliable products** and **one-stop solutions** that adapt quickly to market demands.

KIN LONG
For Better Living

KINLONG Joint Venture



مودرن ميتال ووركس
MODERN METAL WORKS

Date: [08/10/2025]

To: The Management of Kin-Long.

China

Joint Venture Proposal

We, Modern Metal Works, are pleased to propose a Joint Venture with Kin-Long to collaborate and share our experience and capabilities in the metal and façade industries.

We believe that by combining our strengths, we can deliver better solutions, expand opportunities, and achieve greater success together.

We look forward to meeting with you soon to discuss the details of this partnership, including roles, resource sharing, and other requirements.

Thank you for considering this proposal. We look forward to a fruitful collaboration.

Sincerely,

General Manager

Eng. Kenan Ramadan

Em. Kenan



Kin-Long Management



C.R: 7050493530

☎ 0124224223 📧 info@modern-mw.com

📍 Ahmed Zaki As Salamah, Jeddah 7000

Joint Ventures (MAX BEAM)

Max Beam was established to deliver innovative and high-quality solutions in the construction and finishing sector, with a strong commitment to efficiency, precision, and excellence.

Since its inception, the company has positioned itself as a trusted partner, providing end-to-end services from design to final implementation through advanced technical expertise and a skilled professional team.

With a clear vision to become a leading supplier of **metal, glass, and architectural systems**, Max Beam has evolved from component supply and manufacturing into offering complete **one-stop solutions** — including design, fabrication, installation, and post-delivery support.

The company's diverse portfolio spans residential, commercial, educational, and industrial projects, consistently upholding the highest standards of quality, safety, and durability.



MAX BEAM Joint Venture



مودرن ميتالوركس
MODERN METAL WORKS

Date: [06/10/2025]

To: The Management of Max Beam

UAE - Dubai

Joint Venture Proposal

We, Modern Metal Works, are pleased to propose a Joint Venture with Max Beam to collaborate and share our experience and capabilities in the metal and façade industries.

We believe that by combining our strengths, we can deliver better solutions, expand opportunities, and achieve greater success together.

We look forward to meeting with you soon to discuss the details of this partnership, including roles, resource sharing, and other requirements.

Thank you for considering this proposal. We look forward to a fruitful collaboration.

Sincerely,

General Manager

Eng. Kenan Ramadan



Max Beam Management



CR: 7050493530

0124224223 info@modern-mw.com

Ahmed Zaia At Salamah, Jeddah 7666

Joint Ventures (Structure Style)

Structure Style was established with a clear vision to lead in the field of **aluminum façade systems and architectural cladding solutions**.

The company specializes in designing, manufacturing, and installing high-performance aluminum façades that combine modern aesthetics with engineering precision.

Since its foundation, Structure Style has built a solid reputation as a trusted partner for developers, consultants, and contractors, providing customized solutions that meet the highest international standards of **quality, safety, and durability**.

Backed by a team of skilled engineers and advanced fabrication facilities, the company delivers comprehensive **turnkey façade solutions** — from concept design and structural analysis to fabrication, installation, and post-project support.

Through its continuous commitment to innovation and excellence, **Structure Style** continues to play a vital role in shaping the architectural landscape with elegant, efficient, and sustainable aluminum façade systems.



STRUCTURE STYLE Joint Venture



مودرن ميتال ورکس
MODERN METAL WORKS

Date: [06/10/2025]

To: The Management of Structure Style

UAE - Dubai

Joint Venture Proposal

We, Modern Metal Works, are pleased to propose a Joint Venture with Max Beam to collaborate and share our experience and capabilities in the metal and façade industries.

We believe that by combining our strengths, we can deliver better solutions, expand opportunities, and achieve greater success together.

We look forward to meeting with you soon to discuss the details of this partnership, including roles, resource sharing, and other requirements.

Thank you for considering this proposal. We look forward to a fruitful collaboration.

Sincerely,

General Manager

Eng. Kenan Ramadan



C.R 70504935

0124224223 info@modern-mw.com

Ahmed Zaia As Salamah, Jeddah 7626

Structure Style Management



6-Cooperation letters

ALFATECH Cooperation Letter



مودرن ميتال ورکس
MODERN METAL WORKS

Date: [11/10/2025]

To: The Management of AlfaTech.

Jeddah - KSA

Cooperation Letter

We, Modern Metal Works, are pleased to propose a Cooperation Letter with AlfaTech to collaborate and share our experience and capabilities in the metal and façade industries.

We believe that by combining our strengths, we can deliver better solutions, expand opportunities, and achieve greater success together.

Thank you for considering this proposal. We look forward to a fruitful collaboration.

Sincerely,

General Manager

Eng. Kenan Ramadan



AlfaTech Management
Eng. Anas Sulaybi



☎ 705049355
☎ 0124224223 ✉ info@modern-mw.com
📍 Address: Zayed Al-Salemah Jeddah - KSA

Cooperation letters with our Suppliers



Dears/Modern Metal Works Co.

OCT 8th 2025

Dear Sir,

We are pleased to inform you of our acceptance to supply our products to your esteemed company as per your request for the approved projects.

We have no objection to proceeding with the supply and look forward to cooperating with you to meet your requirements with the highest quality and within the agreed terms and conditions.

Thank you for your trust and cooperation.

With best regards,

SPECIALITIES MATERIALS CHEMICALS COMPANY (ONE PERSON COMPANY)



Kanoo Building 1 - 3rd floor - Madinah Road
Tel. +966 12 2636237 - Fax +966 12 263 2901
Jeddah - Kingdom of Saudi Arabia
L.L.C. C.R. 4030406296
VAT No. 310892249600093

مبنى كانو ١ - الدور ٣ - طريق المدينة
هاتف +٩٦٦ ١٢ ٢٦٣٦٢٣٧ - فاكس +٩٦٦ ١٢ ٢٦٣ ٢٩٠١
جدة - المملكة العربية السعودية
ش.م.م. سجل تجاري ٤٠٣٠٤٠٦٢٩٦
الرقم الضريبي ٣١٠٨٩٢٢٤٩٦٠٠٠٩



EJOT Limited Co.
Kingdom of Saudi Arabia

10/09/2025

Subject: Confirmation of Supply and Cooperation

Dears /Modern Metal Works Co,

We are pleased to inform you of our acceptance to supply EJOT products to your esteemed company as per your request for the approved projects.

We have no objection to proceeding with the supply and look forward to cooperating with you to fulfill your requirements with the highest quality and within the agreed terms and conditions.

Thank you for your trust and cooperation.

Sincerely,

EJOT Saudi Arabia



Bringing it together.

Cover letters with our Suppliers



Dears /Modern Metal Works Co.

We are pleased to inform you of our acceptance to supply our products to your esteemed company as per your request for the approved projects.

We have no objection to proceeding with the supply and look forward to cooperating with you to meet your requirements with the highest quality and within the agreed timelines.

Thank you for your trust and cooperation.

With best regards,

[Saudi Rockwool Factory]

[Ahmad Tareq / Sales Engineer]

[7/10/2025]

[Signature & Stamp]




شركة مجال التثبيت التجارية
TECHNOFIX TRADING COMPANY

Att.: Modern Metal Works Company

Subject: Confirmation of Acceptance to Supply Products and Services

Dear Modern Metal Works Company,

We are pleased to confirm our acceptance to supply our products, along with technical and commercial support and services, to your esteemed organization, in line with your request for the approved projects.

We have no objection to proceeding with the supply and are committed to working closely with you to fulfill your requirements with the highest standards of quality and within the agreed timelines.

Thanks

Best Regards,

Technofix Company,

Eng. Yahya Shawar,

Chief Executive Officer

Dated: 13-10-2025




Our Partners





MODERN
METAL WORKS

Kingdom Of Saudi Arabia

Jeddah – As Salamah Dist. -Bld. 7626

Tel: +9662 422 4223

Mob: +966 556 600 297

Est@modern-mw.com