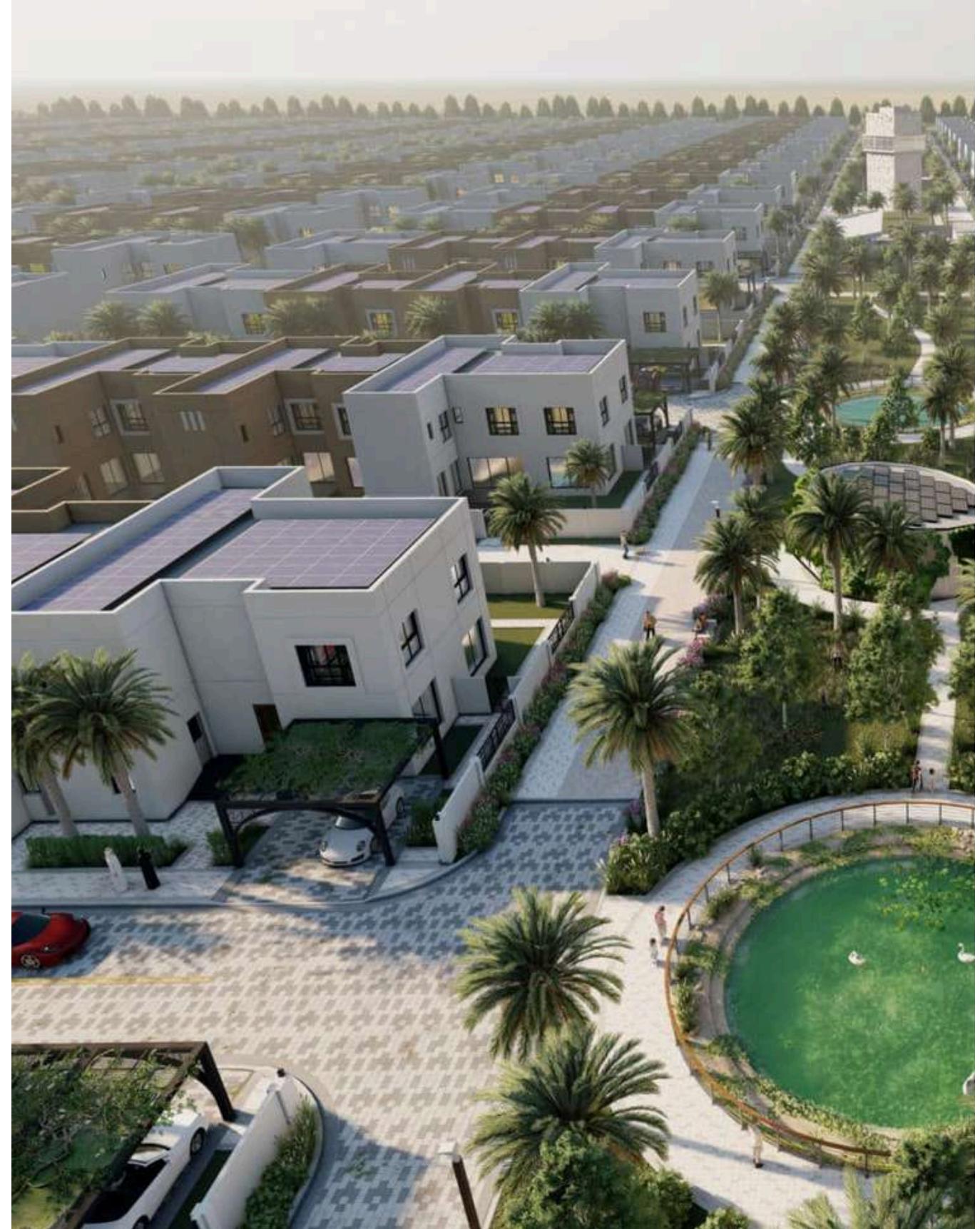




STARS GLASS & ALUMINIUM CO.

BUSINESS PROFILE

Stars Group of Companies, established in 1981, is a leading name in the UAE for aluminum, glass, and steel solutions. With decades of expertise, we specialize in providing architectural innovations, including aluminum profiles, glass services, and fabrication works, tailored to meet diverse client needs. Our commitment to quality and excellence has made us a trusted partner in construction and design industries.





OVERVIEW

Stars Group of Companies is a trusted leader in the UAE, offering comprehensive solutions in aluminum, glass, and steel fabrication. Founded in 1981 as aluminum traders, the company has grown to provide innovative architectural services that meet the evolving needs of modern construction and design.

Our expertise spans aluminum profiles, cladding panels, glass solutions, rolling shutters, automatic doors, and steel fabrication, catering to a diverse range of projects from residential to commercial. With state-of-the-art technology and a skilled team, we deliver products and services that combine quality, durability, and aesthetic appeal.

At Stars Group, we are committed to excellence, sustainability, and customer satisfaction, ensuring we remain at the forefront of the industry while supporting the vision of our clients.



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Aluminium & Glass Fabrication

We have a wide range of aluminium products like aluminium sheets, sliding 105, montana 120, hinge TB600, curtain wall series 50mm, vortex 60mm.

Aluminum Panels used for cladding building facades distinguished for their heat insulation & resistance to fire in addition to other features like multiple colors and carvings which up to nifty, easy & fast installation, high durability & low cost. It supports multiple types of new construction operations such as brick work, frame structures & metal structures home made in advance and house decorations for old buildings & energy saving buildings.

Our team are well-trained fabricator and installer of different system such as Gulf Extrusion, Schuco, Alumil ,Gutmann and much more.

We also have a variety of glass products & services to provide right solutions for any architectural requirement in the field of windows and doors and curtain wall facades and other building construction. Different thickness of glass with different brands as per our client's requirement.

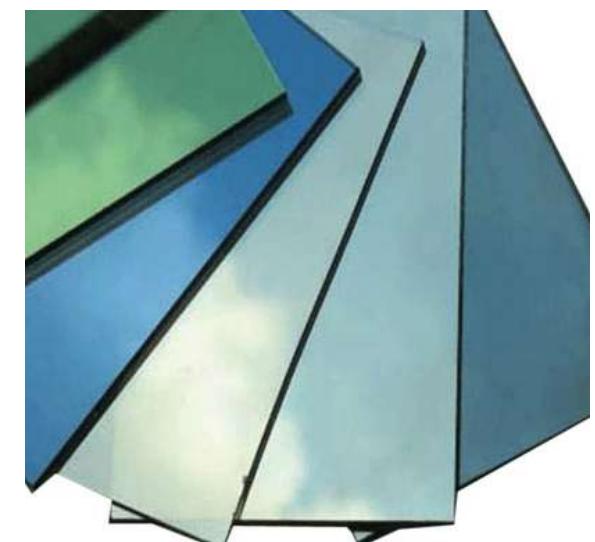
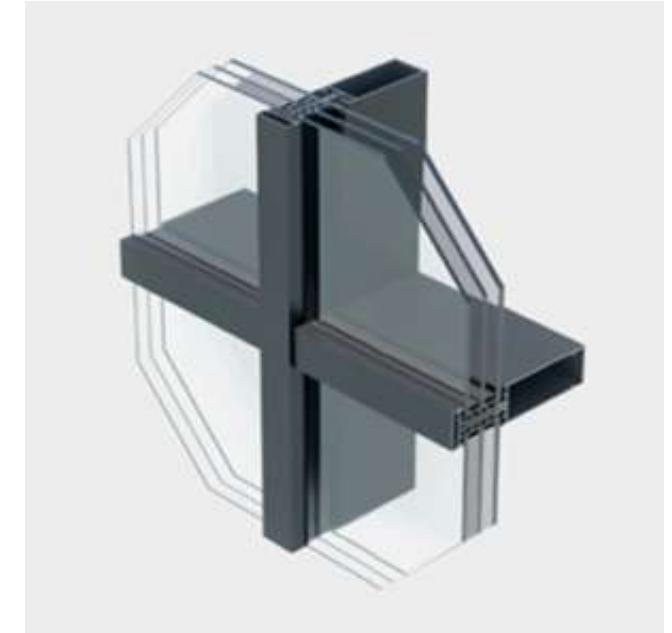


Aluminium profiles



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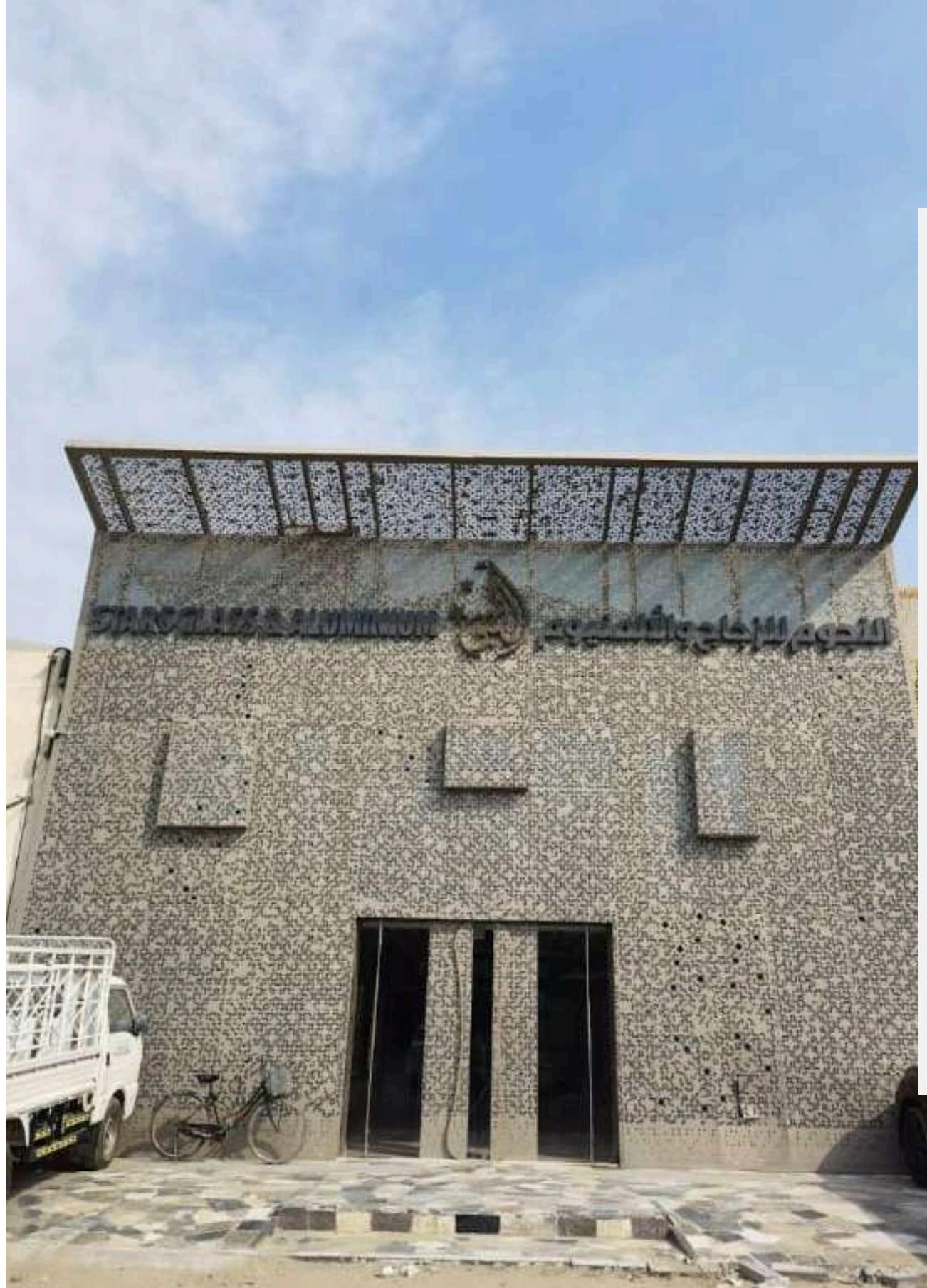
Clear glass



Reflective glass



Stars glass & aluminium Co.



STARS GROUP - FABRIFICATION

Aside from aluminum and glass fabrication, Stars Glass & Aluminium Co. has recently expanded into two major divisions: STAR DOORS ROLLING SHUTTER, specializing in automatic and manual rolling shutters with motors, and STARS SYSTEMS ALUMA GATE, exclusively focused on the supply and installation of automatic doors across the UAE. Our showroom showcases all our products and services, enabling customers to make the ideal choice with the assistance of our professional team.

Our showroom located in Sharjah industry 2 area



LM



CURTAINWALL & WINDOW

Slim Curtainwall System

This advanced façade solution uses ultra-slim aluminium profiles to minimize the visible frame and maximize natural light. The result is a clean, modern, and elegant appearance that enhances transparency and visual openness, making it ideal for luxury villas, boutique hospitality, and contemporary architectural designs where aesthetics and refinement are key.



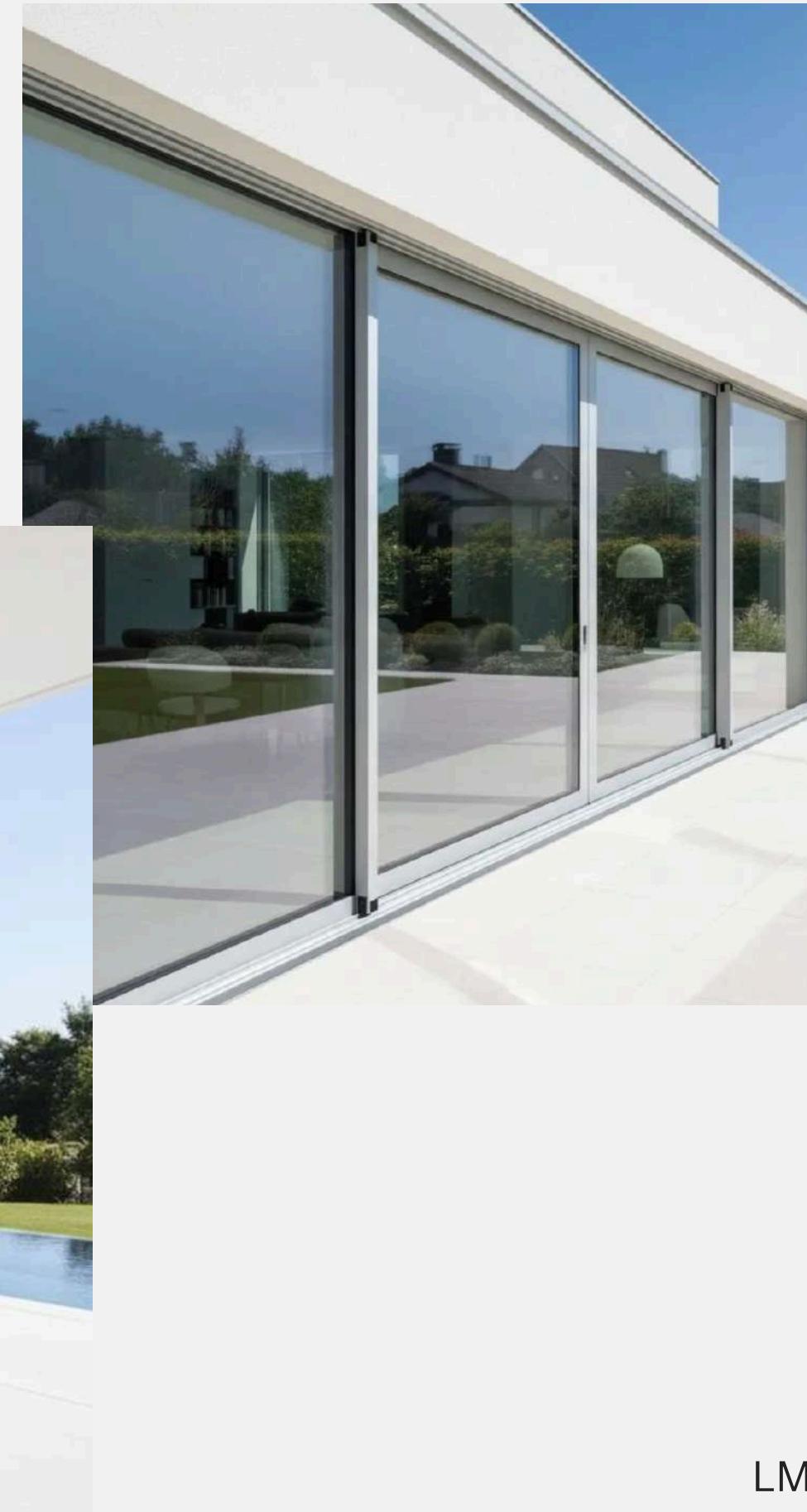
Normal Curtainwall System

This system incorporates clearly defined mullions and transoms that provide both structural stability and a strong architectural character. It offers excellent performance against wind load and climate conditions, making it a reliable choice for commercial buildings, business centers, and high-rise structures requiring durability, efficiency, and a distinct framed façade identity.

Concealed Tilt & Turn Window System

This window system combines a hidden frame design with a dual-function opening mechanism, offering both a seamless modern appearance and practical everyday use. When closed, the aluminium frame is concealed within the wall profile, giving the glass a clean, minimal, and elegant look from the outside. At the same time, the window can tilt inward for natural ventilation or turn inward for full opening, ensuring excellent sealing, insulation, and easy maintenance. This system is ideal for luxury residences, modern interiors, and projects where aesthetics and comfort are both priorities.





SLIDING DOOR SYSTEM

Our sliding door systems are designed to combine smooth movement, wide openings, and modern architectural style. Whether the requirement is embedded floor tracks for a seamless indoor-outdoor transition, top-mounted systems to avoid floor cuts, or multi-track setups (2-track, 3-track, 4-track and more), we customize the configuration to suit your space and design vision.

We manufacture sliding systems that support both large panoramic glass panels for dramatic views and compact shutter sizes for smaller rooms, all engineered with premium rollers and high-strength aluminium profiles to ensure effortless opening, silent operation, and long-term durability.

Ideal for villas, balconies, terraces, lounges, and commercial fronts, our sliding doors create a flowing connection between inside and outside spaces, enhancing natural light and delivering a clean, elegant, and modern aesthetic that brings the exterior environment into your living space.



FOLDING DOOR

Sliding Folding Doors allow maximum visibility without compromising strength and offer a highly modern look and feel. A minimum of maintenance is necessary to keep sliding folding doors looking good for years to come. All that's required is the occasional wash-down and a dash of oil periodically. It ensures the maximum possible glass area and visibility to the outside when closed, yet are completely weatherproof and also offer excellent thermal efficiency.



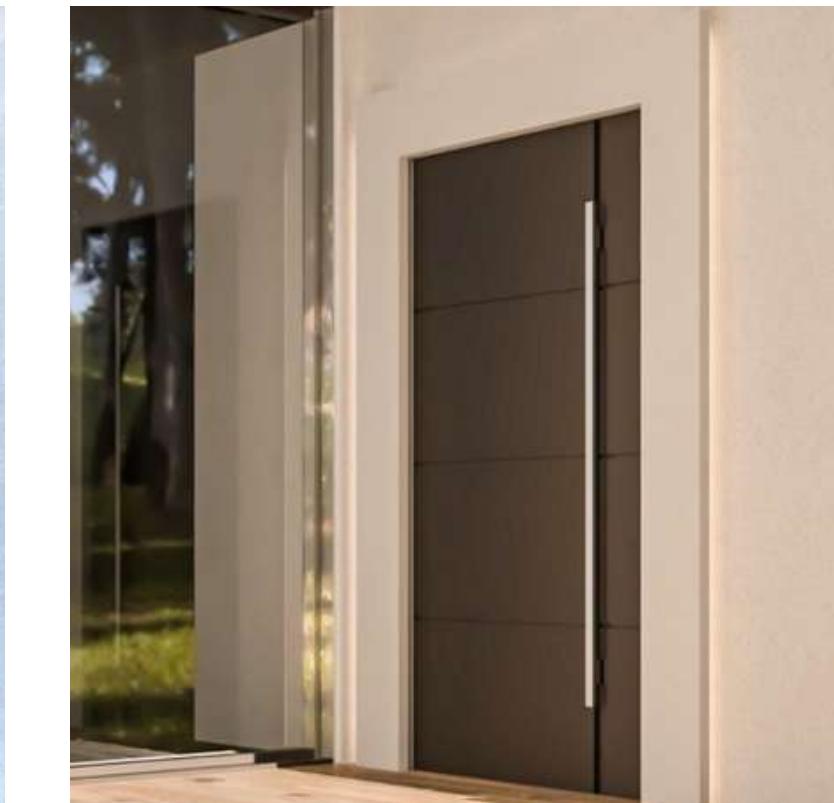
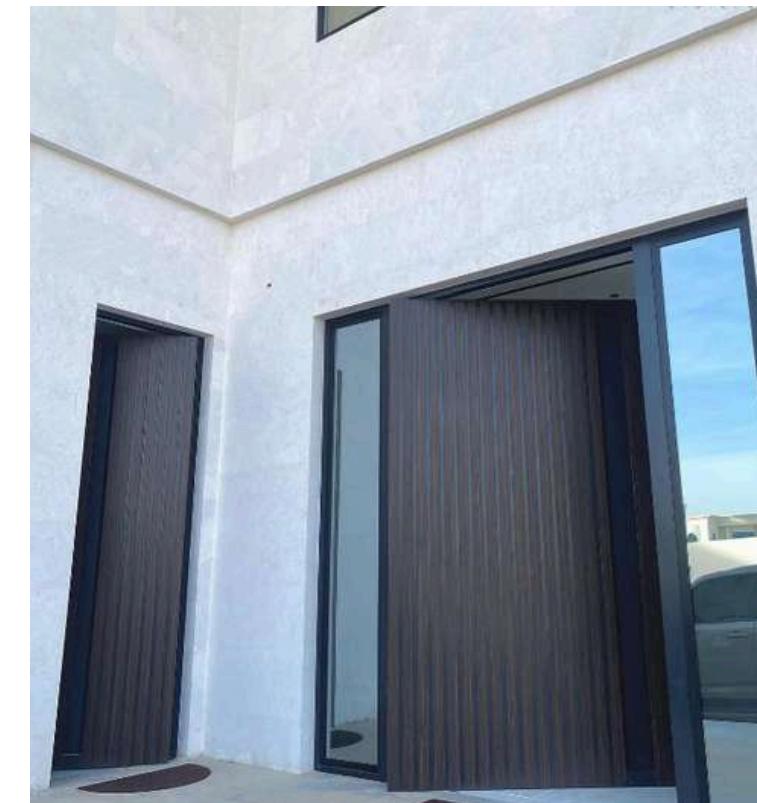
AUTOMATIC AUTOMATIC LINEAR SLIDING DOORS

A stylish and modern cover design, a motor that ensures a virtually silent operation, a microprocessor that automatically controls the opening and closing speeds of the door, an energy saving power unit and new programming functions allowing for quick and simple installation, set-up and maintenance



ENTRANCE DOORS

Our entrance doors combine the latest in design, security, and functionality, offering an elegant solution for both commercial and residential properties. Made from high-quality materials such as Aluminum Composite Panels (ACP), they provide superior durability, weather resistance, and a sleek modern aesthetic. These doors are equipped with advanced features, including smart locks for keyless entry, ensuring enhanced security and convenience. Additionally, the inclusion of drop seals guarantees maximum insulation, preventing drafts and protecting against dust and heat. Customizable CNC patterns allow for unique designs, making these doors a perfect fit for any architectural style while maintaining high-performance standards.





MAIN GATES

The gates of cast aluminium has become widely used for external gates of houses, schools, and government offices. It is the best alternative for iron gates with heavy weights that are subjected to corrosion and rust. Aluminium gates are resistant to corrosion, aging-resistant, rust resistant and less cost of maintenance after installation.



STAIRS & BALCONIES HANDRAILS

The staircase handrail is crafted from high-strength aluminum alloy, ensuring durability and stability. It is used in various applications, including aluminum rails, ladder balustrades, balcony balustrades, and architectural aluminum railings. We offer a wide range of designs, allowing you to select the perfect style for your home, each meticulously crafted by our skilled artisans.



PERGOLA

A pergola is an open outdoor structure used for displaying climbing plants or providing shade for seating areas. While traditionally made of wood, modern pergolas are now crafted from aluminum or similar materials, offering better weather resistance and requiring less maintenance. They can be large or small, adding beauty and functionality to any garden.





SLIDING BOUNDARYWALLS

Stars Group offers innovative sliding boundary walls integrated with advanced machinery for seamless and secure operation. These walls are motorized for smooth, automated movement, providing easy access and enhanced security.

Constructed from durable materials, they are ideal for both residential and commercial properties, offering customizable options to suit various needs.





Stars glass & aluminium Co.



STARS STEEL

We have expanded our services in the area of steel fabrication which includes all metals decoration and steel finishing, Aluminium CNC cutting, CNC Punching, Steel Fabrication, Steel Structure, Stainless Steel Fabrication, SS Fabrication, Staircase Fabrication, Pipe Bending, Tubes Bending, Stainless Steel Polishing, Metal Sheet Forming, Metals coating, Welding, Design, supply & installation of all kinds aluminium and steel fabrication.



Stars glass & aluminium Co.

PREVIOUS PROJECTS

Intercontinental Hotel, Mina Al Arab, Ras Al Khaimah, UAE
7,643,000



Muwailah Community No. 1,2,3 & 4
6,655,500





Stars glass & aluminium Co.

PREVIOUS PROJECTS

Private villa
3,650,900



Aras Residence - Dubai
4,766,013



Private villa
2,981,022





Stars glass & aluminium Co.

Private villa

205,099



PREVIOUS PROJECTS

Mouseq - Ahmed alhabai

3,224,022



Private villa

564,855



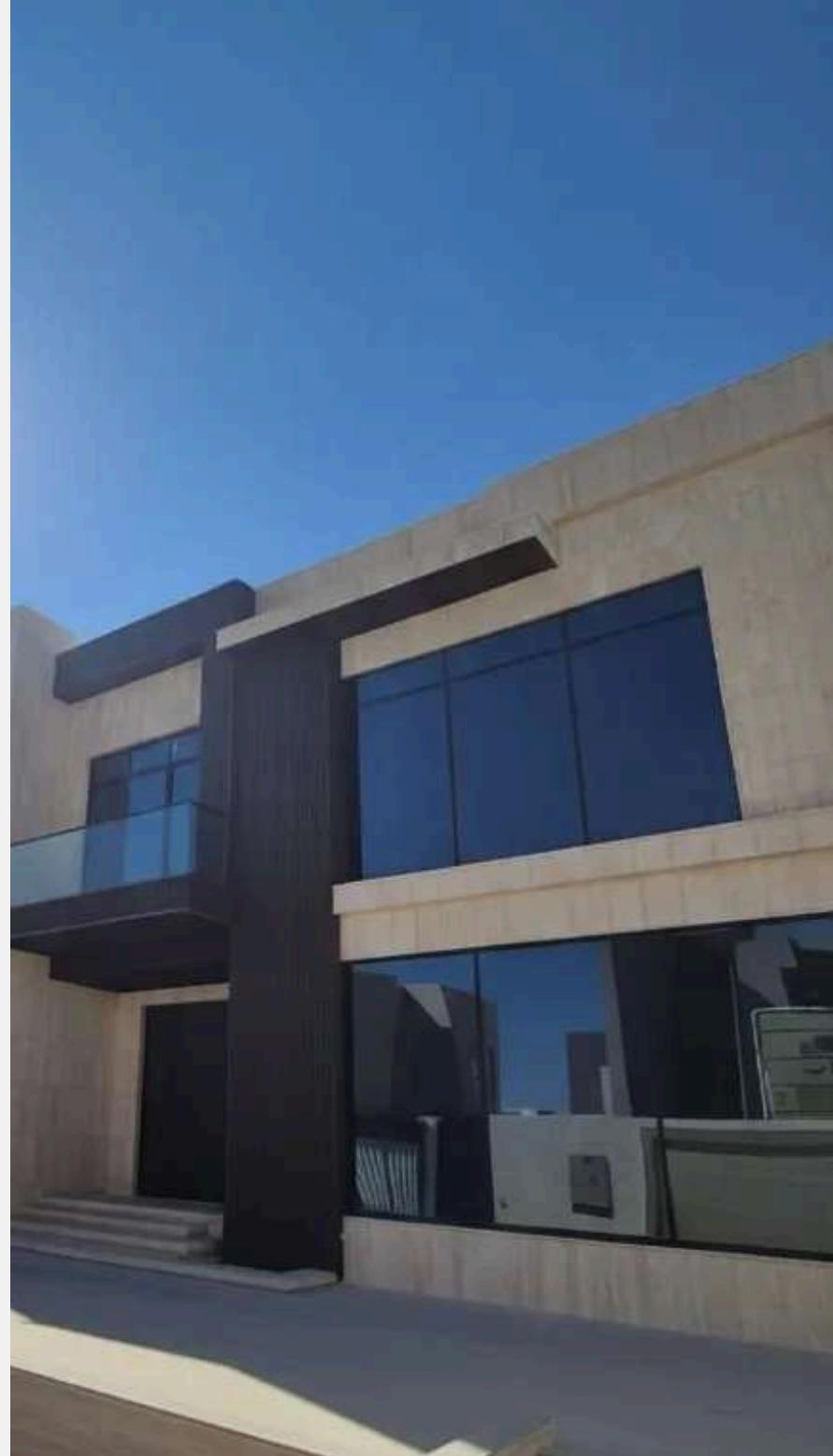
LM



Stars glass & aluminium Co.

Private villa

908,734



PREVIOUS PROJECTS

Private villas

5,054,233



Private villa

1,502,224

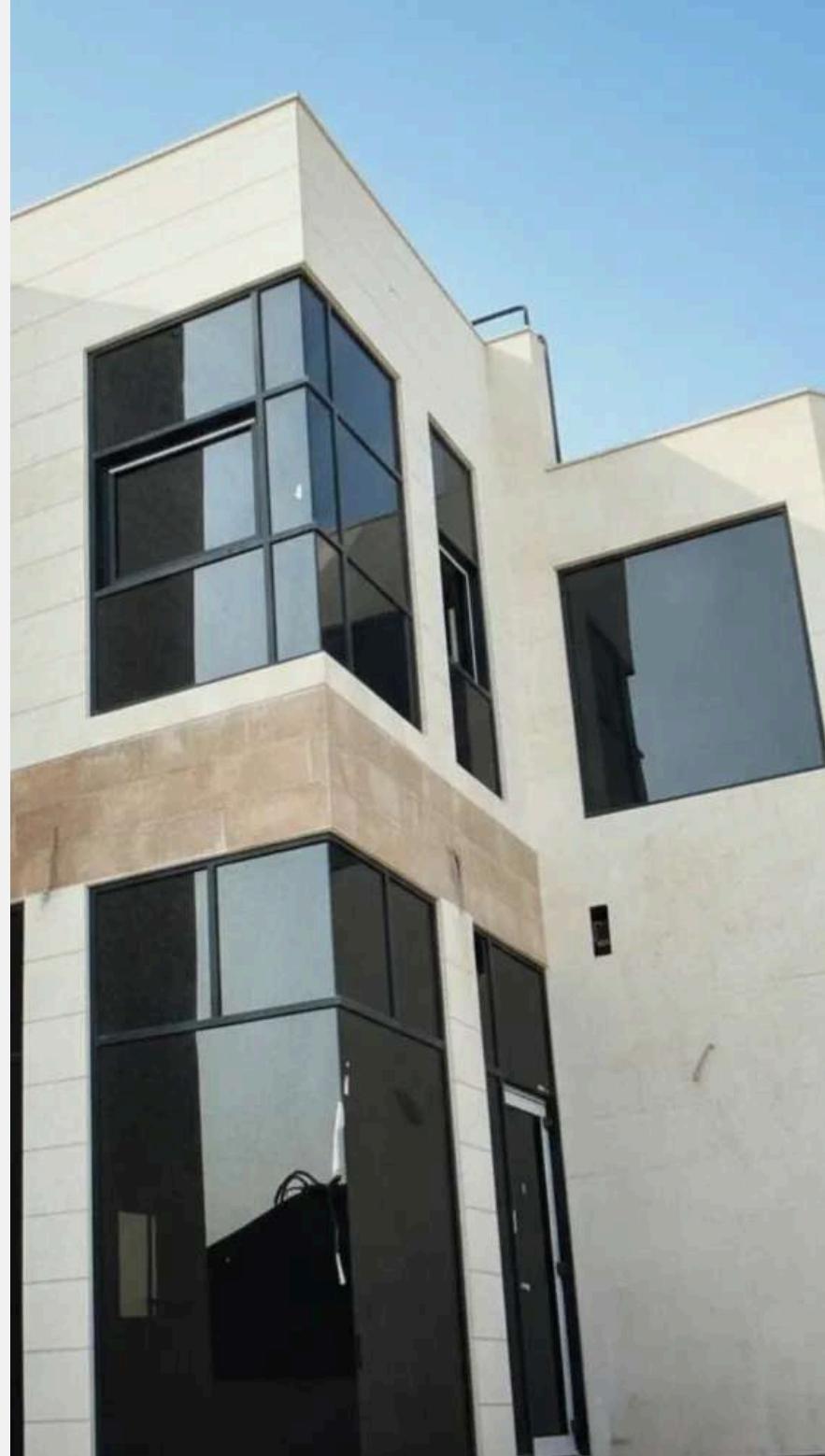




Stars glass & aluminium Co.

PREVIOUS PROJECTS

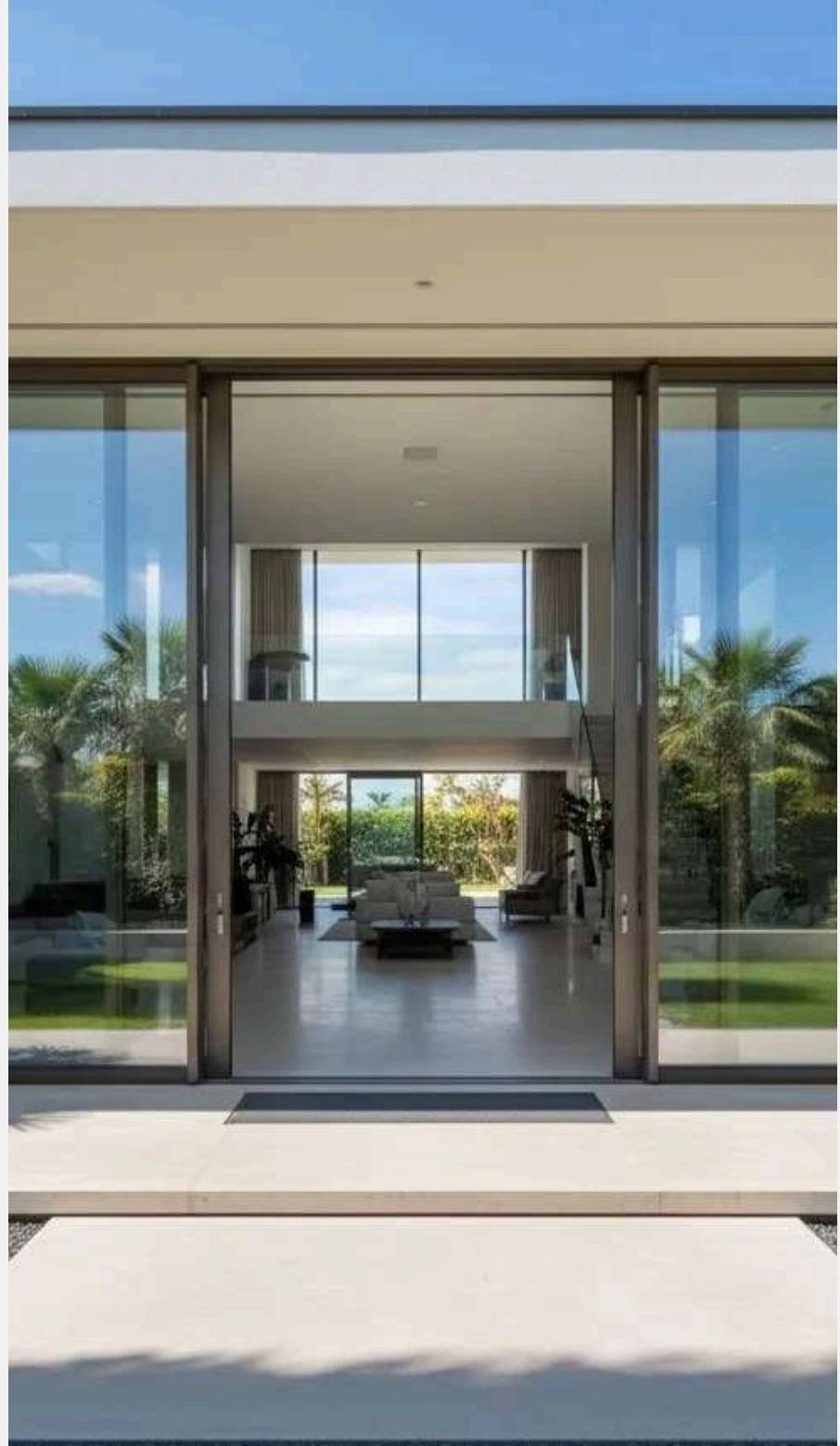
Private villa
800,398



Private villa
1,597,665



Private villa
323,000





Stars glass & aluminium Co.

Private villa

252,221



PREVIOUS PROJECTS

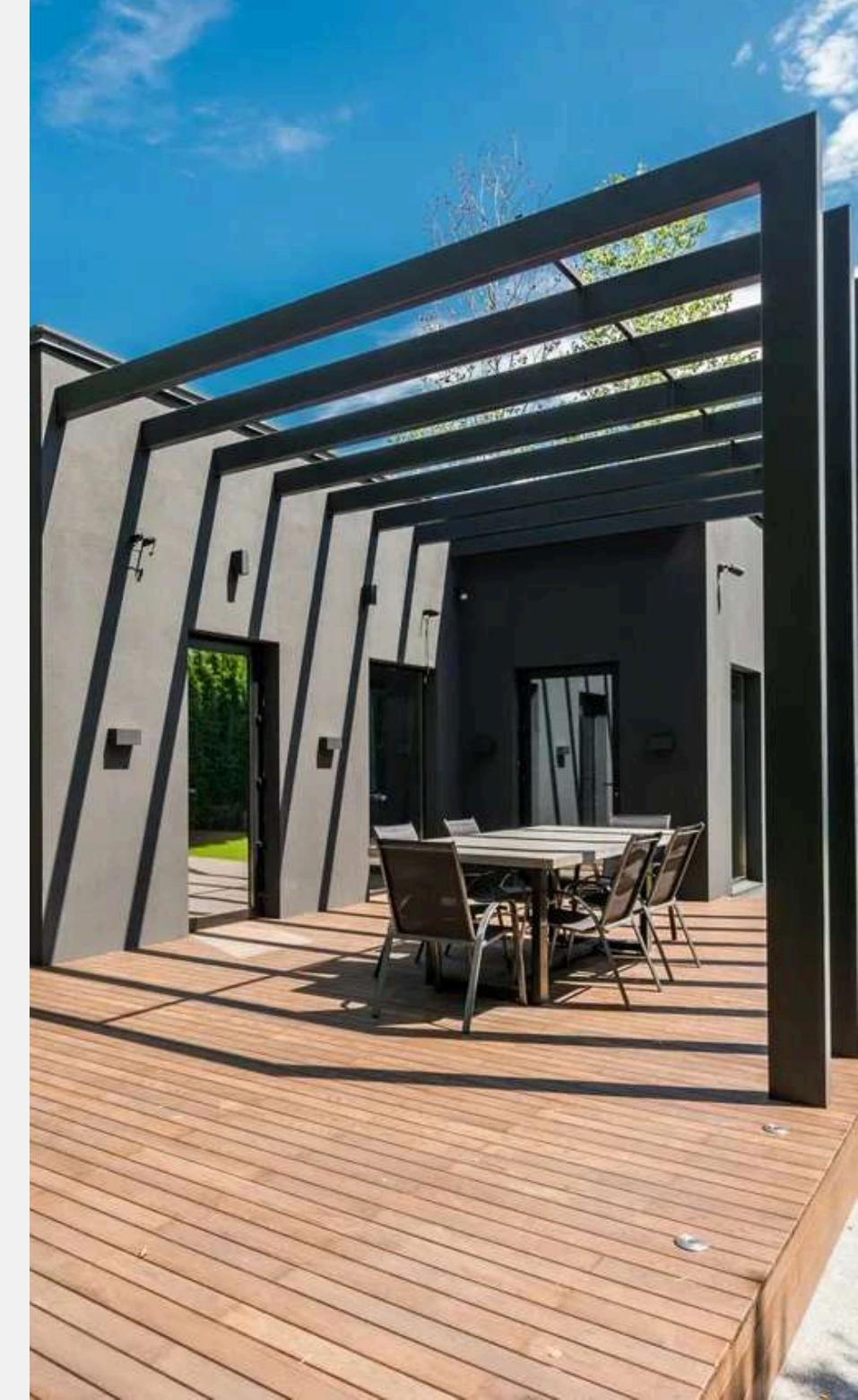
Private villa

4,098,341



Private villa

76,088



LM

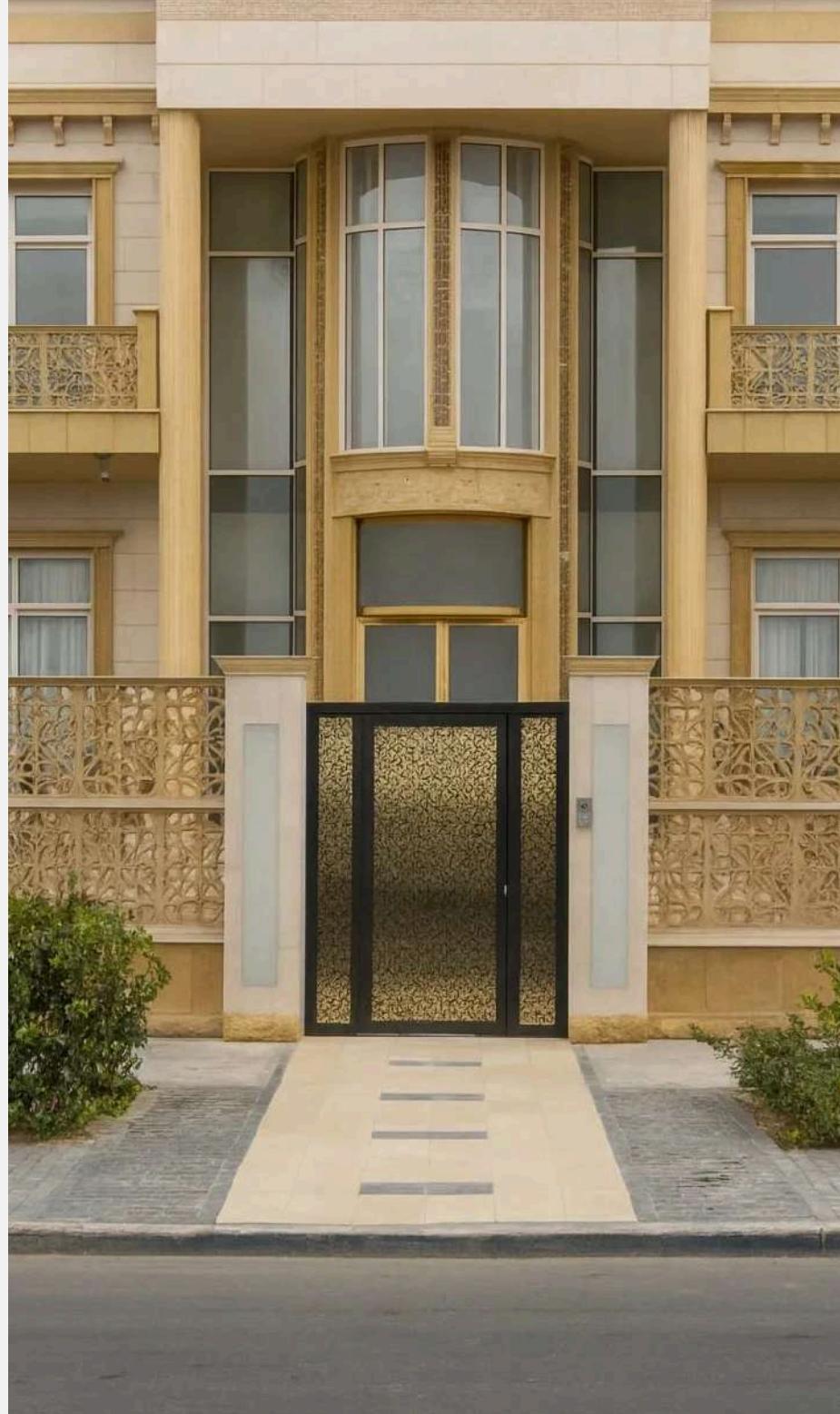


Stars glass & aluminium Co.

PREVIOUS PROJECTS

Private villa

402,550



Private villa

502,477



Private villas

3,774,141





Stars glass & aluminium Co.

PREVIOUS PROJECTS

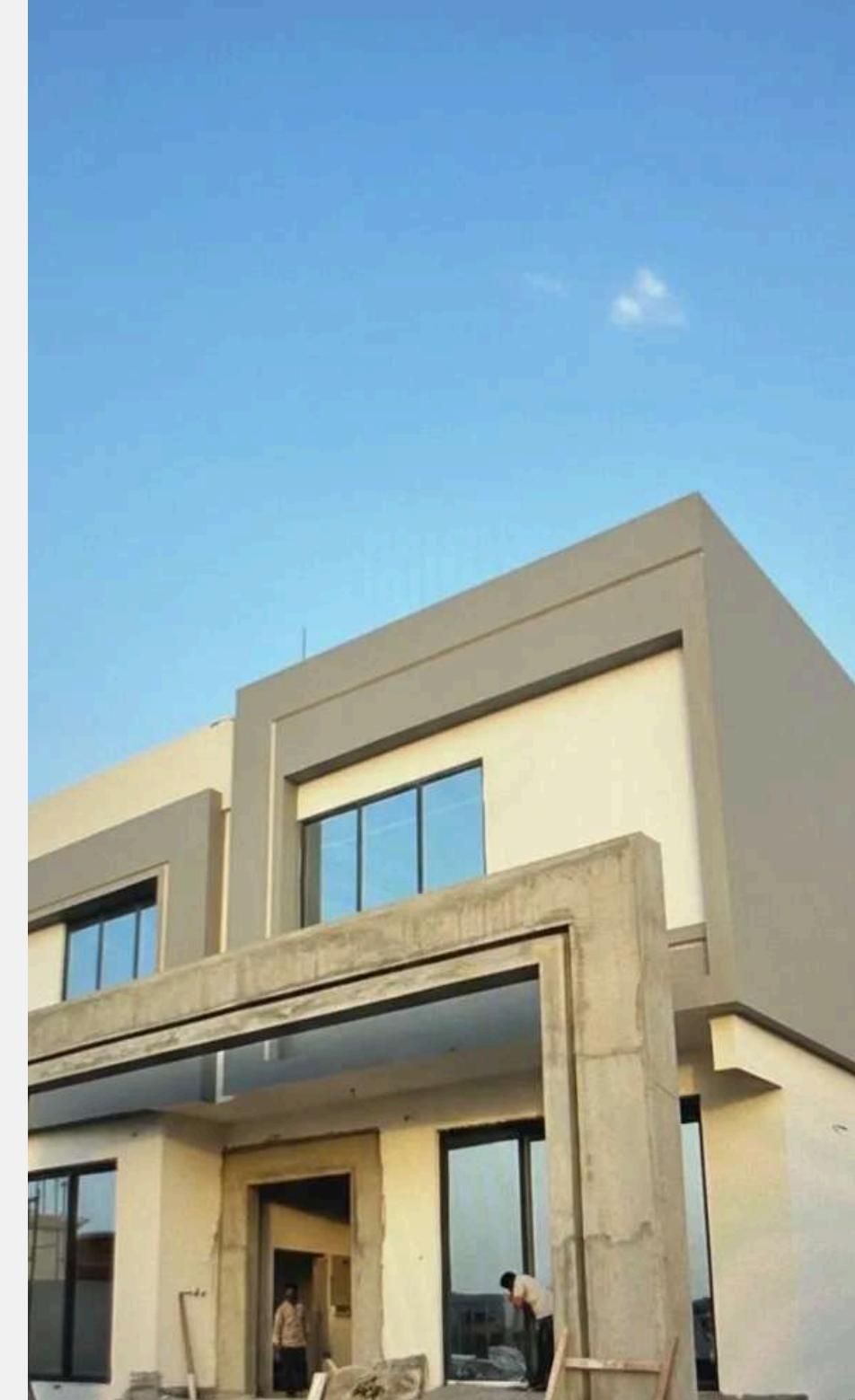
Private villa
405,554



Private villa
1,204,554



Private villa
941,544





Stars glass & aluminium Co.

EXPORTING

GLOBAL BUILDERS - BOSASO SOMALIA

3,056,008



NOVARA INTERIORS

1,560,905



LM



Safety & Sustainability Commitment

At Stars glass & aluminium Co, we are dedicated to ensuring the highest standards of quality and efficiency in all our operations. To achieve this, we source state-of-the-art machinery from globally recognized aluminum and glass processing equipment manufacturers. From cutting and tempering to double glazing and insulation, our advanced solutions cater to all your aluminum and glass needs. By leveraging premium equipment, we ensure superior quality and performance in every project we undertake.

Sustainability

Aluminum and glass are vital in reducing greenhouse gas emissions and mitigating the impact of climate change through energy-efficient practices. At Aluma Gate, we are committed to ethical operations and sustainable practices. We aim to be the leading provider of advanced glass and glazing solutions in the Middle East, focusing on energy conservation and environmental responsibility.

Health & Safety at the Workplace

The health and safety of our employees are paramount at Stars glass & aluminium Co . We continuously strive to:

- Provide a safe working environment that is free from hazards and minimizes occupational risks.
- Offer ongoing training to enhance the competencies of our employees and foster creativity and initiative, ensuring high-quality results and a strong safety culture.
- Identify, assess, and manage occupational risks, with a focus on preventing accidents, emergencies, and occupational diseases.
- Adhere to the highest safety standards by complying with all relevant safety regulations and industry best practices. Our operations are fully aligned with federal and municipal safety laws in the UAE.





OUR POLICY & PROCEDURES

At Stars glass & aluminium Co., our primary policy is to meet and exceed our customers' needs and expectations. We achieve this by maintaining strict oversight of the quality and precision in the production of premium glass and aluminum products. Our commitment to excellence is supported by a robust quality control system, ensuring that we consistently deliver superior glass products, day in and day out.

To drive continuous improvement and foster growth, we invest in the ongoing training and development of our team members. This commitment ensures that our workforce stays at the forefront of industry standards. Furthermore, all of our equipment undergoes regular inspections and maintenance to prevent manufacturing errors and defects.

We understand the delicate nature of glass products, which is why we use our own fleet of trucks for deliveries. This ensures the safe transport of materials, arriving at your location in perfect condition. Our logistics team manages daily deliveries to local customers, with a scheduled delivery service one to three times a week, catering to clients throughout the UAE.





Stars glass & aluminium Co.

COMPANY NAME	CONSULTANT	PROJECT NAME
Royal International Construction	AECOM	Bawabat Al Sharq, Phase 3, 153 villas, Abu Dhabi
Gantoot Gulf Contracting	Al Taif	G+4, 4 Building, Jebel Ali, Dubai
Golden Falcon Construction Co. LLC	Fawzi Aarabi Engineering	G+7 Sayed, Al Karbi, Sharjah
Golden Falcon Construction Co. LLC	Amin Consultant	G+15 Al Qasimia, Sharjah
Al Habbai Contracting LLC	Style Consultant Engineer	G+4, 4 Building, Sonapoor, Dubai
Al Habbai Contracting LLC	Style Consultant Engineer	G+12 Al Nahda, Dubai
Golden Falcon Construction Co. LLC	Sharjah Engineering Consultant	G+7 Muweilah, Sharjah
SS Lootah Contracting Company	Engineering Consultant Group	30 Villas, Al Hamriya, Dubai
Golden Falcon Construction Co. LLC	Sharjah Engineering Consultant	G+3, 3 Building, Al Hamriya, Sharjah
Al Habbai Contracting LLC	Style Consultant Engineer	G+4, Al Qusais, Dubai
Gulf Towers Contracting Company LLC	Sharjah Engineering Consultant	G+13, Al Qasimia, Sharjah
Majik Construction	Adnan Saffarini Engineering	G+2 Villa for Ahmad Al Chany, Al Barsha, Dubai
Golden Falcon Construction Co. LLC	Adnan Saffarini Engineering	G+5 Al Khan, Sharjah
Al Qabdah Building Constructing Co.	Ajad Consultancy	G+30 Al Saad Tower 1, Al Taawon, Sharjah
Al Wathba	Ajad Consultancy	G+16 Golden Crown Tower - Hotel Apartments, Sharjah
FAM Real Estate	International Consultant	G+16 Fam Real Estate Building
Emirates Valley Contracting	Adnan Saffarini Engineering	G+2 (12 Villas), Mirdiff, Dubai
Al Ashram Contracting	Hjaze Consultancy	G+10, 2 Building in Nasir Square, Dubai
Gulf Fab Con	Fire point, Police Point	Expo 2020, Dubai
Demar	NEB Consultancy	G+9 Building, Al Qusais, Dubai

SR	CUSTOMER	PROJECT
1	Hussian Project	Anodized Aluminium
2	Doctor Adil Alsmaldi	Shower Glass
3	Abdul Al Shamali	Aluminium w/ SS Door & Shower Glass
4	Al Amaara Al Shamiah	Powder Coated Aluminium Sliding Window with Arch
5	Madam Maisoon	Sliding Window + Aluminium Door
6	Sultan Al Shamsi	Powder Coated Aluminium Sliding Window with Islamic Arch
7	Julfar Contracting	12 villas Windows, Balconies & handrails
8	MAJCO Const.	Supply & Installation of Powder coated Aluminium Curtain Wall / UPVC with double glazed glass
9	Emirates Valley Cont.	12 villas G+2
10	Suhaib Cont.	Townhouse
11	Venus Aluminium	Louver Door
12	Fath Al Khair	Sliding Window
13	Istanbull Foodstuff	Supply & Installation of Glass Partition
14	Abdullah Ahmed	Supply & Installation of Powder Coated Aluminium Sliding Windows & double leafed Aluminium Hinged door CNC design
15	Esha Interiors	Aluminium Hanging Cabinet with Rack & Shelving Unit
16	Juma Al Suwaidi	Supply & Installation of powder coated Aluminium Hinged Door



SR	CUSTOMER	TYPE OF WORK	MATERIAL
1	TSSC	Supply and Installation	Shower Glass Enclosures + Bathroom Partitions
2	Golden Crown Tower	Hotel Apartments	Supply and Installation of Bathroom Mirrors
3	Venus Aluminium	Fabrication	Double-Leaf Louver Hinges Door
4	Saif Belhasa	Supply and Installation	Balustrades
5	Fino International	Supply	U-Channel
6	Mastercraft Technical	Supply and Installation	Staircase & Balcony
7	Venus Aluminium	Supply and Installation	GEZE ECDrive Framed
8	Al Hamad Industrial	Supply	60 x 3mm Round Pipe
9	Al Hamad Industrial	Supply and Installation	Balustrades
10	Emirates Aluminium & Glass Co.	Supply and Installation	Dorma Easy Frameless
11	TSSC	Supply and Installation	Dorma Easy
12	Al Zarqaa Alum & Glass Co. LLC	Supply and Installation	Dorma Easy
13	Mastercraft Technical	Supply and Installation	U-Channel Floor Guide
14	Fino International	Supply	Glass Fittings Accessories
15	TSSC	Supply	Glass
16	Orange Interiors	Supply and Installation	Shower Enclosures
17	Al Hamad Industrial	Supply and Installation	Dorma Easy Frameless
18	Supply	Supply	Aluminium Profiles
19	TSSC	Supply	6mm Clear Glass
20	Tech Aluglass	Supply and Installation	Geze HR100 Safety Sensor
21	Al Marsa	Supply	Glass
22	Katilink	Supply	Aluminium Profiles
23	Al Zarqaa Alum & Glass Co. LLC	Supply and Installation	Access Control
24	Everest Technologies	Supply and Installation	Staircase
25	Venus Aluminium	Supply and Installation	GEZE ECDrive Frameless 13.5 Glass
26	Katilink	Supply and Installation	Dorma ES200 Easy - frame
27	Saif Belhasa	Supply	Non Thermal Aluminium Double Door
28	TAREK	Supply and Installation	Geze Ecdrive 12mm glass & bottom lock
29	Fino International	Supply	Low Iron Glass
30	Hisn Al Fahidi Aluminium LLC	Supply and Installation	Geze Ecdrive Frameless
31	Al Zarqaa Alum & Glass Co. LLC	Supply and Installation	Dorma Easy Frameless Access Card
32	Hisn Al Fahidi Aluminium LLC	Supply and Installation	Geze Slimdrive Framed
33	Tarek	Supply and Installation	Geze HR100 Safety Sensor
34	Apple Interiors	Supply and Installation	Schuco ASS70FD
35	Tarek	Supply and Installation	Dorma Easy Frameless



 المكتب الوطني للهندسة استشارات معمارية و هندسية National Engineering Bureau Architects & Engineering Consultants <small>P.O. Box 25444, Dubai, United Arab Emirates. Tel: +971 4 3540233. Fax: +971 4 3544255. www.neb.ae. e-mail: info@neb.ae</small>																																																																																																																																																																																																																																																																																																																																																							
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OF FLOORS PROPOSED</td> <td colspan="3">B+G+9</td> </tr> <tr> <td>LAND USE ALLOWED</td> <td>COMM OFFICE / RESI</td> <td>LAND USE PROPOSED</td> <td colspan="3">COMM / RESI</td> </tr> <tr> <td>PAR ALLOWED</td> <td>525</td> <td>FAIR PROPOSED</td> <td colspan="3">520</td> </tr> <tr> <td colspan="6"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">BUILDING TYPE</td> <td colspan="4">COMM / RESI</td> </tr> <tr> <td colspan="2">SUBMISSION TYPE</td> <td>PRELIMINARY</td> <td>FINAL</td> <td>NEW</td> <td>REVISION</td> </tr> <tr> <td colspan="2">WORK DESCRIPTION</td> <td colspan="4">PROPOSED COMM / RESI BUILDING: B+G+9 FLOORS</td> </tr> <tr> <td>PARKING REQUIRED</td> <td>117</td> <td>EXISTING BUILT UP AREA</td> <td colspan="3"></td> </tr> <tr> <td>EXISTING PARKING</td> <td></td> <td>APPROVED AREA</td> <td colspan="3"></td> </tr> <tr> <td>ADDITIONAL PARKING</td> <td></td> <td>NOT APPROVED AREA</td> <td colspan="3"></td> </tr> <tr> <td>TOTAL PARKING PROPOSED</td> <td>111</td> <td>DEMOLISHED AREA</td> <td colspan="3"></td> </tr> <tr> <td></td> <td></td> <td>ADDITIONAL AREA</td> <td colspan="3"></td> </tr> <tr> <td></td> <td></td> <td>TOTAL BUILT UP AREA</td> <td colspan="3">268,541.48 SQ.FT</td> </tr> </table> </td> </tr> <tr> <td colspan="6"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="6" style="text-align: center; padding: 5px;">BUILDING DETAILS</td> </tr> <tr> <td>PARKING FLOORS AREA</td> <td>4,582.56</td> <td>sq.m</td> <td></td> <td></td> <td></td> </tr> <tr> <td>NET COMMERCIAL AREA</td> <td>613.45</td> <td>sq.m</td> <td></td> <td></td> <td></td> </tr> <tr> <td>NET SHOPPING CENTER AREA</td> <td>--</td> <td>--</td> <td></td> <td></td> <td></td> </tr> <tr> <td>NET OFFICE AREA</td> <td>--</td> <td>--</td> <td></td> <td></td> <td></td> </tr> <tr> <td>NET RESIDENTIAL AREA</td> <td>13,500.48</td> <td>sq.m</td> <td></td> <td></td> <td></td> </tr> <tr> <td>NO. 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PROPOSED B + G + 9 FLOORS
COMMERCIAL / RESIDENTIAL BUILDING
ON PLOT NO 247-400.
AI QUSAIS INDUSTRIAL FOURTH.

G0-00



APPROVALS

SUB- CONTRACTOR APPROVAL		
<p>PROJECT : HOTEL BILDING (B+G+5TYP+HC) CONSULTANT : ENG.ADNAN SAFFARINI ENGINEERING CONSULTANT CONTRACTOR : GOLDEN FALCONS CONSTRUCTION.</p>		
Date: 25/10/2017 Ref. MSF No.12		
Sub- Contractor	Work / Job	
STAR GROUP - ALUMA GATE ALUMINUM & GLASS	ALUMINUM WORKS (ALU DOOR, HANDRAIL & SHOWER GLASS)	
Specified	Proposed	Reason For Alteration
GHURAIR		
List of Attachments to this form:		
<input type="checkbox"/> Catalogues	<input type="checkbox"/> Samples	<input type="checkbox"/> Documents
<p>Signatures: Sub-Contractor Eng Project Manager</p> <p>FOR CONSULTANTS USE</p> <p><input type="checkbox"/> Approved <input checked="" type="checkbox"/> Approved As Noted <input type="checkbox"/> Not Approved</p> <p>Comments / Notes: - glass design shall be as approval sample. - 10mm tempered. - accessories to be S.S 304. - Handrail sample required to be provided.</p> <p>Contractor's Project Manager: Date: </p> <p>Consultant's Projects Manager: Date: </p>		

SUB- CONTRACTOR APPROVAL		
<p>PROJECT: SHARJAH CO-OPERATIVE SOCIETY, AL SEYOUNH, SHARJAH CONSULTANT: QHC ARCHITECTS & ENGINEERS CONTRACTOR: JABAL HAFEET BLDG CONT CO. L.L.C</p>		
Date: 25/10/2017 Ref. MSF No.12		
Sub- Contractor	Work / Job	
STAR GROUP - ALUMA GATE ALUMINUM & GLASS	ALUMINIUM WORKS (ALUMINIUM DOORS, WINDOWS, STAINLESS STEEL WORKS)	
Specified	Proposed	Reason For Alteration
GHURAIR		
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Client		Main Contractor																																																																																									
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Stars glass & aluminium Co.

CERTIFICATIONS



AUTHORIZED FABRICATOR **CERTIFICATE**

Gulf Extrusions Hereby Certifies That

Al Nejoum Aluminium & Glass Ind. Co. L.L.C.

Is An Authorized Fabricator Of Gulf Extrusions'
Building Systems.

Christian Witach

2020.11.10
14:32:02 +04'00'

Christian Witach
CEO



This certificate is valid from 01/11/2020 to 01/11/2021





Stars glass & aluminium Co.



17th November 2020

TO WHOM IT MAY CONCERN

This is to certify that M/s. Stars Glass and Aluminium Co., P.O. Box 3574, Sharjah, U.A.E. is an authorized dealer of Gulf Extrusions profiles.

This certificate is issued upon request from M/s. Stars Glass and Aluminium Co., Sharjah, but without any engagement on our part and is valid if presented in original.

For Gulf Extrusions LLC


Christian Witsch
Chief Executive Officer



CERTIFICATE OF REGISTRATION

CERTIFICATE OF REGISTRATION

CERTIFICATIONS



This Certificate has been awarded to

STARS GLASS & ALUMINIUM CO.

P.O. Box 3574, Industrial Area 2, Sharjah, U.A.E.

In recognition of the organization's Management System which complies with

ISO 9001:2015

Quality Management System

The scope of activities covered by this certificate is defined below

Trading & Fixing Aluminum Glass and Accessories
SYNDICATE OF INTERNATIONAL SYSTEM CERTIFICATIONS

Certificate Number: **SISBALQ06202012216**
Date of Issue of Original Certificate: **25.06.2020**
Date of Issue of latest certificate: **25.06.2020**
First Surveillance due on: **25.05.2021**
Second Surveillance due on: **25.05.2022**
Expiry Date: **24.06.2021**
Re-certification Due on: **25.05.2023**



Managing Director
IAS
ACCREDITED
Management Systems
Certification Body
MSCB - 131



Issue No.: 01

Note: This certificate is valid only if produced with the continuation letter after the surveillance is carried out successfully.

The Organization's documentation and implementation has been reviewed and found to comply with the relevant standard rules. This certificate of Registration is based on the evaluation of the mentioned scope given above. Organization is responsible for maintaining the responsibilities of the relevant standard rules. Any significant changes in the scope of the certification or standard referred above render this certificate invalid. This is an accredited certificate issued by SIS Certifications Pvt. Ltd. sanctioned for issue by International Accreditation Services, 3060 Saturn Street Suite 100 Brea, California 92821-1732, USA. Corporate office(SIS):- Unit No. 312, 3rd floor, Vipul business Park, Sohna Road, Sector-48, Gurgaon-122018, Haryana, India, Web:- <http://www.siscertifications.co.in> The status of this certificate can be verified on "<http://www.siscertifications.co.in>"



This Certificate has been awarded to

AL NEJOUR ALUMINIUM & GLASS IND. CO. LLC

P.O. Box 3574, Industrial Area 2, Sharjah, U.A.E.

In recognition of the organization's Management System which complies with

ISO 9001:2015

Quality Management System

The scope of activities covered by this certificate is defined below

Manufacturing of Aluminum Foil Coils - Fire - Resistant Metal Doors - Doors and Windows & Frames and Metal Shutters
SYNDICATE OF INTERNATIONAL SYSTEM CERTIFICATIONS

Certificate Number: **SISBALQ06202012215**
Date of Issue of Original Certificate: **25.06.2020**
Date of Issue of latest certificate: **25.06.2020**
First Surveillance due on: **25.05.2021**
Second Surveillance due on: **25.05.2022**
Expiry Date: **24.06.2021**
Re-certification Due on: **25.05.2023**

Managing Director
IAS
ACCREDITED
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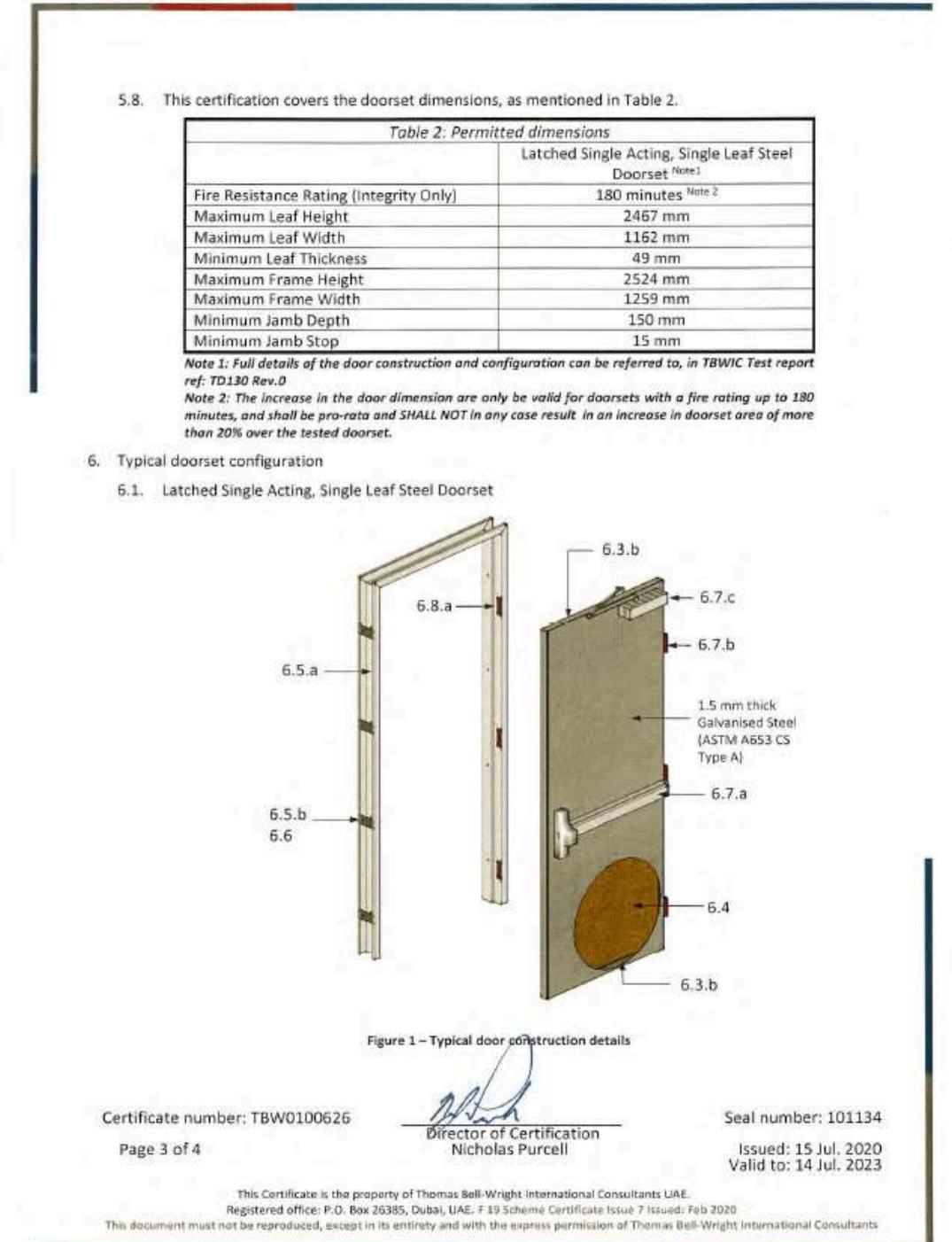
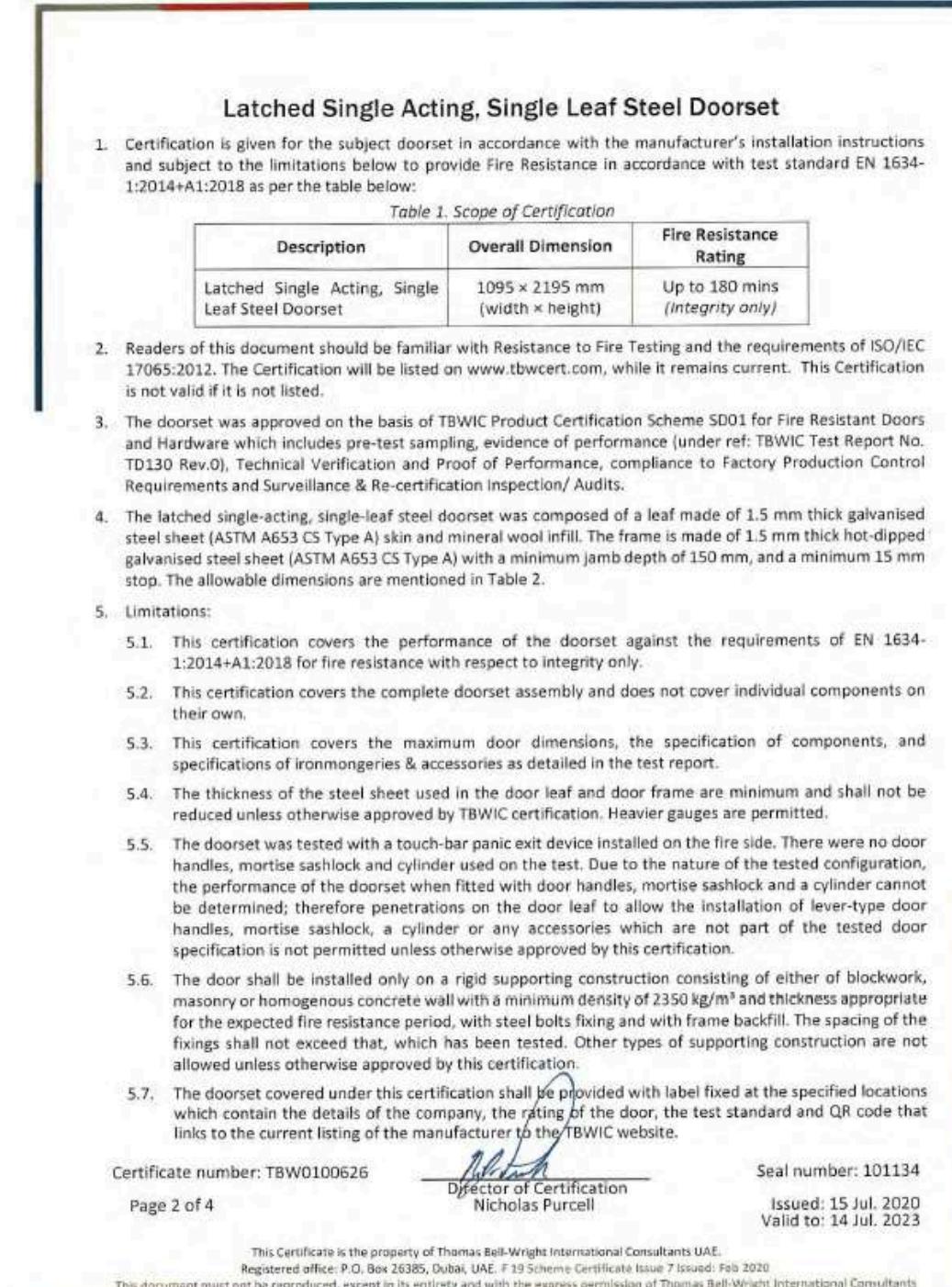
Issue No.: 0

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CERTIFICATIONS





CERTIFICATIONS

6.2. Door Configuration
The doorset is a latched single acting, single-leaf steel doorset with a mineral wool infill. The leaf skin is made of 1.5 mm thick galvanised steel (ASTM A653 CS Type A). The permitted dimensions of the doorset shall be according to Table 2.

6.3. Leaf Construction
a. Edge Construction Detail – “Interlocking Edge” construction made of 1.5 mm thick galvanised steel (ASTM A653 CS Type A), spot welded at a nominal distance of 20 mm from the ends and 500 mm centres. The edge construction details may not be changed.
b. Top and Bottom Edge Channel – 43 x 20 x 1.5 mm (web x flange x thickness) galvanised steel channel, recessed type fixing, plug welded at a nominal 100 mm ends and 120 mm centres.

6.4. Core
Mineral wool “SXXX” with a minimum density of 140 kg/m³ and thickness of 50 mm.

6.5. Door Frame
a. The door frame is made of 1.5 mm thick hot-dipped galvanised steel (ASTM A653 CS Type A), double rabbet jamb and header, with a minimum depth of 150 mm and minimum 15 mm stop, mitred joint, welded and ground smooth.
b. Anchor Plate – Galvanised Steel, 148 x 55 x 1.5 mm (length x width x thickness)

6.6. Wall Fixing
The doorset shall be fixed to the masonry wall using Ø10 x 132 mm (diameter x length) commercial-grade expansion bolt at a nominal spacing of 581 – 641 mm centres, 137 mm from top of the jamb and 240 mm from the sill. The frame shall be installed with frame backfill using cement masonry grout. The distance between each fixing location may not be increased.

6.7. Hardware
a. Panic exit device – Stainless steel finish “Touch Bar Panic Latch CPH6080F” | ANSI/BHMA A156.3- (2008) Grade 1 by Consort Architectural Hardware Ltd.
b. Hinges – Stainless Steel Butt Hinges 102 x 76 x 3 mm (width x height x thickness) Butt Hinges “HINBB443” by Euro Art
c. Door Closer – Surface mounted door closer “DCT2024” by Eurospec Architectural Hardware Limited. All hardware items shall be as tested. Alternate hardware shall be upon the approval of TBWIC Certification.

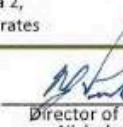
6.8. Hardware Reinforcements
a. Frame Hinges Reinforcements – 165 x 38 x 4.5 mm (length x width x thickness) Hot Rolled steel fixed at a nominal distance of 177 mm from the sill, 155 mm from the top of the jamb and at 911 mm centres
b. Hinge Cover – 1.5 mm thick Hot-dipped Galvanised Steel
Note: The thickness of the steel used for hardware reinforcements are minimum and may not be reduced. Refer to test report no. TD130 Rev.0 for full details of hardware reinforcement specification, dimensions and fixing.

7. Approved Manufacturing Location

Plot No. 3341, Bldg. No. 14, Street No. 71,
Warehouse No.6, Sharjah Industrial Area 2,
P.O. Box 3574, Sharjah, United Arab Emirates

Certificate number: TBW0100626

Page 4 of 4


Director of Certification
Nicholas Purcell

Seal number: 101134
Issued: 15 Jul. 2020
Valid to: 14 Jul. 2023

This Certificate is the property of Thomas Bell-Wright International Consultants UAE,
Registered office: P.O. Box 26385, Dubai, UAE, F 19 Scheme Certificate Issue 7 Issued: Feb 2020
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File No: TF075

Accreditation
Testing

ISO/IEC 17025: General requirements for the competence of testing and calibration laboratories with

1. United Kingdom Accreditation Service (UKAS) - Testing Laboratory: 4439
2. International Accreditation Service (IAS) - Testing Laboratory: TL-626
3. GCC Accreditation Center (GAC) - Testing Laboratory: ATL-0017
www.ukas.com/www.iasonline.org/www.gcc-accreditation.org

Memberships

Members of European Group of Organization for Fire Testing, Inspection and Certification

www.egolf.org.uk

Member of International Trade Council

www.thetradecouncil.com

Member of Association for Specialist Fire Protection

www.asfp.org.uk

Member of Centre for Window and Cladding Technology

www.cwct.co.uk

The work which is a subject of this document falls wholly or partly under the accreditation marked below:

ISO 17025 UKAS
ISO 17025 IAS
ISO 17025 GAC
Non-accredited test



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CERTIFICATIONS

THOMAS BELL-WRIGHT
INTERNATIONAL CONSULTANTS

File No: TF075

1. General Parameters

PROJECT NAME		FOLDABLE DOOR PROJECT					
		TEST SEQUENCE					
Test 1	Air Permeability Test	BS EN 1026: 2016					
Test 2	Water Tightness Test	BS EN 1027: 2016					
Test 3	Resistance to Wind Load Test (P1 and P2 Load)	BS EN 12211: 2016					
Test 4	Air Permeability Test	BS EN 1026: 2016					
Test 5	Water Tightness Test	BS EN 1027: 2016					
Test 6	Resistance to Wind Load Test (P3 Load)	BS EN 12211: 2016					

RELEVANT INFORMATION

Type	Foldable Door				
Materials					
Glass Type	Double Glazed: 6mm Clear Tempered Glass + 12mm Mill Finish Aluminium Spacer + 6mm Clear Tempered Glass				
Glass Thickness	24mm				
Specimen Size	3.0m wide by 4.0m height as per shop drawing				
Flat/Curve	Flat and Vertical				
Client					
Main Contractor					
Alum. Contractor	Aluma Gate Aluminum & Gate Installation				
Consultant					

2. Witnesses

NAME	COMPANY	TELEPHONE
Mr. Larry Cura	Aluma Gate Aluminum & Gate Installation	0544473201
Mr. Richard Asis	Aluma Gate Aluminum & Gate Installation	0525727921

3. Door Test Result

Testing results were all recorded as mentioned below with reference to the test sheets attached, witnessed by representatives listed above during the course of testing.

4. Test Summary

4.1. Test History

No.	TEST	DATE & TIME	PASS / FAIL
1	Air Permeability, BS EN 1026: 2016	September 30, 2019	PASSED
	• Differential test pressure = 300 Pascals		
	• Permitted leakage = 5.4 m ³ /hr/m ²		
	• Specimen Area fixed glazing = 12 m ²		
	• Total allowable leakage for fixed glazing = 64.80 m ³ /hr		

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Results:

- Specimen sealed with polyethylene sheet, Extraneous air leakage at 300 Pa (Q_a) = 139.9 m³/hr.
- Total air leakage (Q_t) for chamber plus specimen at 300 Pa = 183.3 m³/hr.
- Specimen air leakage (Q_s) at 300 Pa = 43.4 m³/hr at standard condition.

Test Pressure, Pa	50	100	150	200	250	300
Allowable Leakage, m ³ /hr	19.62	31.15	40.82	49.45	57.38	64.80
Actual Leakage, m ³ /hr	3.1	12.8	20.5	37.7	40.4	43.4

The recorded actual leakage for infiltration tests is less than the allowable air leakage correspondingly. The test was recorded passed.

2	Water Resistance - Static Pressure Test, BS EN 1027: 2016	September 30, 2019	PASSED
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The specimen was covered with 24 nozzles, producing a total of 5.28 gallons per minute of water volume flow (24 l/min) applied in the entire test specimen during the test. Peak test pressure = 300 Pascals

Duration = 15 minutes at zero test pressure (access door opened)

- = 5 minutes each at 50, 100, 150, 200 and 300 Pa (access door closed)
- = Total time for water spray = 40 minutes.
- = 400 mm distance of water spray to face of the specimen

During the test, no water leakage was observed along internal side of the specimen and so the test was recorded passed.

3	Resistance to Wind Load Test - BS EN 12211: 2016	September 30, 2019	PASSED
---	--	--------------------	--------

Six linear displacement transducers (LDT) were positioned in place along internal side of the specimen to measure deflection values of horizontal and vertical members of the specimen. The maximum deflection allowed was L/175 so obtained by deducting the average readings of the outermost gauges from the middle gauge of the member being measured. The following transducers were positioned as follows:

LDT #s	LDT #s LOCATION (refer to mock-up diagram)
1-2-3	Along the mullion
4-5-6	Along the mullion

The test procedure mentioned in the method statement was followed. After applying 3 pulse pressures. The positive wind load was applied in careful increments in accordance to the standard. The wind load pressure at 400 Pascal was held for 30 seconds at which the frontal deflections were recorded. The test was recorded passed.

Following this, the negative wind load was applied at 400 Pascal and held for 30 seconds at which the deflection was recorded. No visual damage was observed and the deflection reading were within the allowable limit. The test was recorded passed.

Wind Load	Applied Load Pa	L value, mm	Allowable Permanent Deflection of	Maximum net deflection recorded along member, mm
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THOMAS BELL-WRIGHT
INTERNATIONAL CONSULTANTS

File No: TF075

	L / 175, mm		1-2-3	4-5-6
	Mullion	Mullion		
+	400	3720	21.3	12.3
-	400			12.6
			15.7	15.4

Refer to test sheet for details.

4	Air Permeability, BS EN 1026: 2016	September 30, 2019	PASSED
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- Differential test pressure = 300 Pascals
- Permitted leakage = 5.4 m³/hr/m²
- Specimen Area fixed glazing = 12 m²
- Total allowable leakage for fixed glazing = 64.80 m³/hr

Results:

- Specimen sealed with polyethylene sheet, Extraneous air leakage at 300 Pa (Q_a) = 139.9 m³/hr.
- Total air leakage (Q_t) for chamber plus specimen at 300 Pa = 185.5 m³/hr.
- Specimen air leakage (Q_s) at 300 Pa = 45.6 m³/hr at standard condition.

Test Pressure, Pa	50	100	150	200	250	300
Allowable Leakage, m ³ /hr	19.62	31.15	40.82	49.45	57.38	64.80
Actual Leakage, m ³ /hr	11.6	18.2	25.2	36.9	40.4	45.6

The recorded actual leakage for infiltration tests is less than the allowable air leakage correspondingly. The test was recorded passed.

5	Water Resistance - Static Pressure Test, BS EN 1027: 2016	September 30, 2019	PASSED
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The specimen was covered with 24 nozzles, producing a total of 5.28 gallons per minute of water volume flow (24 l/min) applied in the entire test specimen during the test. Peak test pressure = 300 Pascals

Duration = 15 minutes at zero test pressure (access door opened)

- = 5 minutes each at 50, 100, 150, 200 and 300 Pa (access door closed)
- = Total time for water spray = 40 minutes.
- = 400 mm distance of water spray to face of the specimen

During the test, no water leakage was observed along internal side of the specimen and so the test was recorded passed.

6	Resistance to Wind Load Test - Safety, BS EN 12211: 2016	September 30, 2019	PASSED
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Prior to the safety load test (P3) application, (P2) load cycle application was conducted as per method statement. The wind resistance test to safety (P3) measured the residual deformation of the framing members after having applied 1.5 times the design load and released pressure. Initial test run was in the positive wind load direction and followed by the negative direction. Refer to tabulation below:

Wind Load	Applied Load Pa	L value, mm	Allowable Permanent Deformation of L / 1000, mm	Maximum net deformation recorded along member, mm
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File No: TF075

	Mullion	Mullion	1-2-3	4-5-6
+	400	3720	3.72	0.45
-	400		2.2	0.2

No detrimental effects nor sign of distortion and breakage occurred as observed and all deformation readings were found within the allowable limit and so the test was recorded passed.

4.2. Description of Modification or Adjustments
None

4.3. Compliance Statement
The Foldable Door system was tested as described in this document in conformance with the project requirement, with results of each test mentioned herein as recorded.
The test results are valid for the conditions under which the specimen was tested.

This Final Report is respectfully submitted by:
Thomas Bell-Wright International Consultants

Tested by:

Reviewed and authorized by:

**P.O.Box: 26285
DUBAI - U.A.E.**

Thomas Bell-Wright Int'l Consultants (Dhabi Branch)

**Joseito Adoan
Testing Engineer**

**Clarence Facun
Testing Manager**

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لجنة اعتماد المختبرات العالمية
وبيوت الخبرة ومعاهد التدريب

TBWIC Issue No. 1

Date: 23-Jul-2020

CERTIFICATE OF COMPLIANCE

This certificate of compliance validates the following

TEST REPORT NUMBER <small>'Assessment Reports' are not acceptable</small>	TD130 Rev.0	CERTIFICATE NUMBER	TSW0100626
DATE OF ISSUE	25-Aug-2019	DATE OF ISSUE	15-Jul-2020
DATE OF EXPIRY	N/A	DATE OF EXPIRY	14-Jul-2023
Manufacturer details			
NAME OF FACTORY/ MANUFACTURER	Al Nejoum Aluminium & Glass Ind. Co. LLC	NAME OF THE BRAND	Stars Group
FACTORY ADDRESS / REGION <small>(STREET / TOWN / CITY / COUNTRY)</small>	Plot No. 3341, Bldg. No. 14, Street No. 71, Warehouse No. 6, Sharjah Industrial Area 2, P.O. Box 3574, Sharjah, United Arab Emirates	MODEL / NO	Latched Single Acting, Single LeafDoorset
WEBSITE	www.starsaluminium.com	LOGO ON THE PRODUCT	
TEL	+971 6 543 3937	EMAIL	

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Product Details From Test Report		Reference Test Report page NO																
DESCRIPTION OF THE PRODUCT <small>(TECHNICAL DETAILS FROM TEST REPORT, SUCH AS ACTUAL FIRE RATINGS/DIMENSIONS/THICKNESS/ SENSITIVITY ETC.)</small>	The latched single-acting, single-leaf steel doorset was composed of a leaf made of 1.5 mm thick galvanised steel sheet (ASTM A653 CS Type A) skin and mineral wool infill. The frame is made of 1.5 mm thick hot-dipped galvanised steel sheet (ASTM A653 CS Type A) with a minimum jamb depth of 150 mm, and a minimum 15 mm stop. The allowable dimensions are mentioned in Table 1 below.	Page 5,6																
TEST STANDARD <small>(SUCH AS ASTM/BS EN/ DNETC)</small>	Table 1: Permitted dimensions <table border="1"> <tr> <td>Fire Resistance Rating (Integrity Only)</td> <td>180 minutes <small>Rate 1</small></td> </tr> <tr> <td>Maximum Leaf Height</td> <td>2467 mm</td> </tr> <tr> <td>Maximum Leaf Width</td> <td>1162 mm</td> </tr> <tr> <td>Minimum Leaf Thickness</td> <td>49 mm</td> </tr> <tr> <td>Maximum Frame Height</td> <td>2524 mm</td> </tr> <tr> <td>Maximum Frame Width</td> <td>1259 mm</td> </tr> <tr> <td>Minimum Jamb Depth</td> <td>150 mm</td> </tr> <tr> <td>Minimum Jamb Stop</td> <td>15 mm</td> </tr> </table> <p><i>Note 1: The increase in the door dimensions are only valid for doorsets with a fire rating up to 180 minutes, and shall be pro-rata and SHALL NOT, in any case, result in an increase in doorset area of more than 20% over the tested doorset.</i></p> <p>The Full details of the door construction and configuration can be referred to, in TBWIC Test report ref: TD130 Rev.0</p>	Fire Resistance Rating (Integrity Only)	180 minutes <small>Rate 1</small>	Maximum Leaf Height	2467 mm	Maximum Leaf Width	1162 mm	Minimum Leaf Thickness	49 mm	Maximum Frame Height	2524 mm	Maximum Frame Width	1259 mm	Minimum Jamb Depth	150 mm	Minimum Jamb Stop	15 mm	
Fire Resistance Rating (Integrity Only)	180 minutes <small>Rate 1</small>																	
Maximum Leaf Height	2467 mm																	
Maximum Leaf Width	1162 mm																	
Minimum Leaf Thickness	49 mm																	
Maximum Frame Height	2524 mm																	
Maximum Frame Width	1259 mm																	
Minimum Jamb Depth	150 mm																	
Minimum Jamb Stop	15 mm																	
TEST DESCRIPTION	EN 1634-1:2014+A1:2018; Fire resistance and smoke control tests for door and shutter assemblies, openable windows and elements of building hardware - Part 1: Fire resistance test for door and shutter assemblies and openable windows EN 1363-1:2012; Fire resistance tests - Part 1: General requirements EN 1363-2:1999; Fire resistance tests - Part 2: Alternative and additional procedures	Page 4																
	General Description of the Assembly The specimen consisted of a single acting, single leaf steel doorset with rockwool infill installed within a rigid supporting construction. The overall dimensions of the doorset were 1095 x 2195 x 150mm (w x h x jamb depth). Supporting Construction The specimen was installed within a rigid supporting construction made of solid blocks with a nominal density of 2350kg/m ³ and a structural opening of size 1105 x 2200 x 200mm (w x h x thk.). A 150mm-thick reinforced concrete lintel was used along the head of the structural opening. The space between the head of the test frame and the lintel was filled with AAC blocks of density 550 kg/m ³ .	Page 4 to 6																



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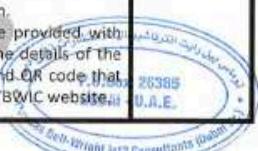
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<p>The supporting construction was in turn installed within a rigid test frame made of steel and dense refractory castable with a density of 2000 kg/m³ and opening size of 3050 x 3050 x 200mm (w x h x thk).</p> <p>Conditions and Test Situation</p> <p>A nominal 5mm gap was maintained between the fixed edges of the framing system and the supporting construction on both vertical jambs and top horizontal jamb. The door frame was grouted with cement as decided by the test sponsor.</p> <p>The test specimen was tested with the door leaf opening towards the unexposed direction.</p> <p>The door did not have any latch. A panic bar was installed on the exposed face of the doorset.</p> <p>A surface mounted door closer was installed on the unexposed face of the doorset as decided by the sponsor of the test. The average value of retention force measure on the leaf was 86N.</p> <p>Pre-test conditioning for operability, as prescribed in section 5 of EN 1634-1:2014+A1:2018, was completed in accordance with section A.2.2 of EN 16034:2014. Prior to the test, the door leaf was opened to a maximum distance and allowed to return to the closed position over 25 cycles using the self-closing device.</p> <p>In accordance with section 10.1.4 of EN 1634-1:2014+A1:2018, after cycling the door remained in its final closed position.</p> <p>Gaps between the fixed and movable parts of the specimen have been measured (Appendix 4 of the test report).</p> <p>SPECIMEN VERIFICATION</p> <p>Specimen Installation</p> <p>Installation of the specimen: Stars Glass & Aluminium Co.</p> <p>The specimen was delivered and installed on 2-Jul-19. The specimen was covered with tarpaulin after installation and stored in ambient conditions at temperatures ranging between 25°C and 45°C and 21% to 87% humidity.</p> <p>METHOD OF TEST</p> <p>Performance Criteria</p> <p>Integrity failure of the specimen shall be deemed to have occurred if the specimen collapses, if sustained flaming for more than 10 seconds is observed on the unexposed face, a positive cotton pad test is taken, or permitting the penetration of gap gauges through the specimen, as specified in section 11.1 of EN 1634-1:2014+A1:2018.</p> <p>Insulation failure shall be deemed to have occurred if the mean unexposed face temperature exceeds 140°C above its initial value and maximum unexposed face temperature, if any regular thermocouple exceeds 180°C above the initial mean unexposed face temperature, if any thermocouple immediately adjacent to the edge of the leaf opening exceeds 360°C, or if integrity failure occurs, as per section 11.2 of EN 1634-1:2014+A1:2018.</p> <p>Measurements</p> <p>The time-temperature curve has been controlled using nine thermocouples distributed in the furnace, and the thermocouples were placed at 100mm from the exposed face of the specimen.</p>

<p>The ambient temperature at the commencement of the test was 35°C. The pressure in the furnace was controlled at 16Pa its relative position 2400mm above the sill of the furnace, in accordance with paragraph 5.2.1 and 5.2.2 of EN 1363-1:2012.</p> <p>Unexposed face temperatures & radiation at a distance of 1m from the centre of the specimen have been measured (Appendix 3 of the test report). Deflection has been measured at several locations (Appendix 4 of the test report).</p> <p>1. Door Configuration</p> <p>The doorset is a latched single-acting, single-leaf steel doorset with a mineral wool infill. The leaf skin is made of 1.5 mm thick galvanised steel (ASTM A653 CS Type A).</p> <p>2. Leaf Construction</p> <p>a. Edge Construction Detail – "Interlocking Edge" construction made of 1.5 mm thick galvanised steel (ASTM A653 CS Type A), spot welded at a nominal distance of 20 mm from the ends and 500 mm centres. The edge construction details may not be changed.</p> <p>b. Top and Bottom Edge Channel – 43 x 20 x 1.5 mm (web x flange x thickness) galvanised steel channel, recessed type fixing, plug welded at a nominal 100 mm ends and 120 mm centres.</p> <p>3. Core</p> <p>Mineral wool "SXXX" with a minimum density of 140 kg/m³ and thickness of 50 mm.</p> <p>4. Door Frame</p> <p>a. The door frame is made of 1.5 mm thick hot-dipped galvanised steel (ASTM A653 CS Type A), double rabbet jamb and header, with a minimum depth of 150 mm and minimum 15 mm stop, mitred joint, welded and ground smooth.</p> <p>b. Anchor Plate – Galvanised Steel, 148 x 55 x 1.5 mm (length x width x thickness)</p> <p>5. Wall Fixing</p> <p>The doorset shall be fixed to the masonry wall using Ø10 x 132 mm (diameter x length) commercial-grade expansion bolt at a nominal spacing of 581 – 641 mm centres, 137 mm from top of the jamb and 240 mm from the sill. The frame shall be installed with frame backfill using cement masonry grout. The distance between each fixing location may not be increased.</p> <p>6. Hardware</p> <p>a. Panic exit device – Stainless steel finish "Touch Bar Panic Latch CPH6080F" ANSI/BHMA A156.3 (2008), Grade 1 by Consort Architectural Hardware Ltd.</p> <p>b. Hinges – Stainless Steel Butt Hinges 102 x 76 x 3 mm (width x height x thickness) Butt Hinges "HINBB443" by Euro Art</p> <p>c. Door Closer – Surface mounted door closer "DCT2024" by Eurospective Architectural Hardware Limited.</p> <p>All hardware items shall be as tested. Alternate hardware shall be upon the approval of TBWIC Certification.</p>
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<p>7. Hardware Reinforcements</p> <p>a. Frame Hinges Reinforcements – 165 x 38 x 4.5 mm (length x width x thickness) Hot Rolled steel fixed at a nominal distance of 177 mm from the sill, 155 mm from the top of the jamb and 911 mm centres</p> <p>b. Hinge Cover - 1.5 mm thick Hot-dipped Galvanised Steel</p> <p>Note: The thickness of the steel used for hardware reinforcements are minimum and may not be reduced. Refer to test report no. TD130 Rev.0 for full details of hardware reinforcement specification, dimensions and fixing.</p> <p>TEST RESULT (SUCH AS PASSED CRITERIA ____/ COMPLIED TO ____/ DURATION ____/ OBSERVATION ____/ ETC)</p> <p>Test Result: PASS Fire Rating: up to 180 minutes (Integrity only) Test Report Reference: TD130 Rev.0 Test Method: EN 1634 Part 1:2014+A1:2018</p>
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دبيه 21 هر ات العر بيه المنهج
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القيادة الماسنافية عالمي
لجنة اعتماد المختبرات العالمية
وبيوت الخبرة ومعاهد التدريب

Laboratory and Certification Body Details		
CERTIFICATION BODY		TESTING FACILITY
NAME OF CERTIFICATION BODY & TESTING FACILITY	Thomas Bell-Wright International Consultants	Thomas Bell-Wright International Consultants
CERTIFICATION BODY ADDRESS / REGION (STREET / TOWN / CITY / COUNTRY)	46 th & 47 th Sts. Jebel Ali Ind. Area 1 PO Box 26385, Dubai, UAE	46 th & 47 th Sts. Jebel Ali Ind. Area 1 PO Box 26385, Dubai, UAE
WEBSITE	www.bell-wright.com	www.bell-wright.com
TEL	+971 4 821 5777	+971 4 821 5777
EMAIL	certification@bell-wright.com	fire@bell-wright.com
ACCREDITED BY (ACCREDITATION BODY AND WEBSITE)	UKAS www.ukas.com	UKAS www.ukas.com
AS PER (STANDARD TO WHICH ACCREDITED)	ISO/IEC 17065:2012	ISO/IEC 17025:2017
VALIDITY (EXPIRY DATE OF ACCREDITATION)	No expiry subject to yearly audits.	No expiry subject to yearly audits.
REFERENCE NUMBER: (ACCREDITATION NUMBER)	6762	4439
LISTING WEBSITE	www.tbwcert.com	www.tbwtrs.com
CERTIFICATION MARK / LOGO		

(ENDORSEMENT) TO BE SIGNED BY MANUFACTURER			
NAME OF MANUFACTURER'S SIGNATORY	Mr. Rami El Masri	SIGNATURE	
EMAIL / TEL	rami@starsaluminium.com +971 56 77 88 872	FACTORY OFFICIAL SEAL	
NOTES: I Undertake that all data and information provided are genuine and accurate			

(ENDORSEMENT) TO BE SIGNED BY CERTIFICATION BODY			
NAME OF CERTIFICATION BODY SIGNATORY	Nicholas Purcell	SIGNATURE	
EMAIL / TEL	nick.purcell@bell-wright.com +971 4 821 5777	CERTIFICATION BODY OFFICIAL SEAL	
NOTES: I Undertake that all data and information provided are genuine and accurate			

ATTACHMENTS:

- COPY OF 'CERTIFICATE OF COMPLIANCE' ISSUED BY CERTIFICATION BODY (OLD OR NEW)



APPROVALS

SUB- CONTRACTOR APPROVAL		
<p>PROJECT : HOTEL BILDING (B+G+5TYP+HC) CONSULTANT : ENG.ADNAN SAFFARINI ENGINEERING CONSULTANT CONTRACTOR : GOLDEN FALCONS CONSTRUCTION.</p>		
Date: 25/10/2017 Ref. MSF No.12		
Sub- Contractor	Work / Job	
STAR GROUP - ALUMA GATE ALUMINUM & GLASS	ALUMINUM WORKS (ALU DOOR, HANDRAIL & SHOWER GLASS)	
Specified	Proposed	Reason For Alteration
GHURAIR		
List of Attachments to this form:		
<input type="checkbox"/> Catalogues	<input type="checkbox"/> Samples	<input type="checkbox"/> Documents
Signatures:		
Sub-Contractor Eng	Project Manager	
FOR CONSULTANTS USE		
<input type="checkbox"/> Approved	<input checked="" type="checkbox"/> Approved As Noted	<input type="checkbox"/> Not Approved
Comments / Notes:		
<ul style="list-style-type: none"> - glass design shall be as approval sample . - 10mm tempered . - accessories to be S.S 316 . - Handrail sample required be provided . 		
Contractor's Project Manager: Date:	Consultant's Projects Manager: Date:	
 <i>26-10-2017</i>		

SUB- CONTRACTOR APPROVAL		
<p>PROJECT: SHARJAH CO-OPERATIVE SOCIETY, AL SEYOUNH, SHARJAH CONSULTANT: QHC ARCHITECTS & ENGINEERS CONTRACTOR: JABAL HAFEET BLDG CONT CO. L.L.C</p>		
Date: 25/10/2017 Ref. MSF No.12		
Sub- Contractor	Work / Job	
STAR GROUP - ALUMA GATE ALUMINUM & GLASS	ALUMINIUM WORKS (ALUMINIUM DOORS, WINDOWS, STAINLESS STEEL WORKS)	
Specified	Proposed	Reason For Alteration
GHURAIR		
List of Attachments to this form:		
<input type="checkbox"/> Catalogues	<input type="checkbox"/> Samples	<input type="checkbox"/> Documents
Signatures:		
Sub-Contractor Eng	Project Manager	
FOR CONSULTANTS USE		
<input type="checkbox"/> Approved	<input type="checkbox"/> Approved As Noted	<input type="checkbox"/> Not Approved
Comments / Notes:		
Contractor's Project Manager: Date:	Consultant's Projects Manager: Date:	
 <i>26-10-2017</i>		
P.O.Box: 45795, Sharjah, UAE		

Client		Main Contractor	
APPROVAL OF SUB-CONTRACTOR / PRE-QUALIFICATION			
Project Name:	Project Code: C - 002 B+G+9 Floors Commercial / Residential Building Date: 24/01/2018		
Plot No / Location:	Plot No. 247-400 Alquais Industrial Area 4, Dubai U.A.E Ref. No: SC / 0032 - REV. 00		
Main Contractor: Benaa Emirates Contractors	Department: <input type="checkbox"/> Architectural <input checked="" type="checkbox"/> Civil <input type="checkbox"/> Electrical <input type="checkbox"/> Mechanical <input type="checkbox"/> Structural <input type="checkbox"/> Others		
Work:	Mechanical, Electrical, plumbing, Fire Alarm & Fire Fighting Work		
Description:	GLASS SERVICES & ALUMINIUM FABRICATION		
S.No:	NEB Specified Sub-Contractor	Same As Specified	Alternative Proposed Sub-Contractor
		ALUMA GATE ALUMINIUM AND GLASS INSTALLATION	3pcs prequalification - hard copy
			RECEIVED <i>21 JAN 2018</i>
			<i>NEB</i>
Enclosure:	For: <i>11:57 AM</i> Time: <i>24/01/2018</i>		
Reason for Alteration:	Submitted By: (Name): Engr. Hatem Signature: Date: <i>24/01/2018</i>		
Received By: (Name):	Signature: Date:		
BELOW PORTION FOR NEB USE ONLY			
Status:	<input type="checkbox"/> Approved	<input checked="" type="checkbox"/> Approved as noted	<input type="checkbox"/> Resubmitted
<i>① No objection for Aluma gate subject to Client approval</i>			
<i>② Shop drawings & materials to be submitted after Client approval</i>			
Comments: (Refer to NEB-SP-02)	Signed By: (Name): <i>Shan Murali</i> Signature: Date: <i>21/02/2018</i> Hand Over to: (Name): <i>AKHIL</i> Signature: Date: <i>21/02/2018</i> Client Approval: (Name): <i>Pramod Murali</i> Signature: Date: <i>20/2/2018</i> 1. Subject to material approval 2. make up sample to be provided before the final approval of the subcontractor 3. Approval is subject to fully complying the project specification 4. Third party test is required as per specification 5. colour sample HANDOVER DATE: <i>21/02/2018</i>		



LIST OF MACHINERIES

SR	MACHINE	DESCRIPTION	PURPOSE
1	Router Freezing Machine		Used for cutting and shaping aluminum profiles
2	Rotating Table – 4 Pneumatic Suction or Silicon		Used for handling and positioning glass during processing
3	Aluminium Cutting Machine		Used to cut aluminum profiles into desired sizes
4	Manual Glass CNC Cutting Table	Cutting Machine	Used for manual cutting of glass with CNC precision
5	CNC Cutting Machine	Cutting Machine	Automated machine for precise cutting of glass and aluminum
6	Straight & Shape CNC Cutting Machine	Cutting Machine	Used for straight and shaped cuts in glass and aluminum
7	Drilling Machine	Drilling Machine	Used to drill precise holes in aluminum and glass
8	Cutting Machine - Fabrication		Used for cutting aluminum profiles for fabrication
9	Rotating Table – 4 Pneumatic Suction	Repair & Maintenance	Used for repositioning glass during repair and maintenance
10	Router Freezing Machine		Used for precision routing and freezing of aluminum profiles
11	Air Compressor Machine		Provides compressed air for various machinery operations
12	Silicon Machine		Used to apply silicon to glass or aluminum surfaces
13	Glass Washing Machine		Cleans glass before further processing or installation
14	Butyl Machine		Used for applying butyl rubber to glass units for sealing
15	Spacer Bending Machine		Bends spacers used in insulated glass units
16	Manual Cutting Machine	Cutting Machine	Used for manual cutting of materials like glass and aluminum
17	Manual Milling Machine	Milling Machine	Used for manual milling of aluminum profiles
18	Double Head Cutting Machine	Cutting Machine	Cuts large aluminum profiles or glass pieces with two heads for efficiency
19	Automatic Cutting Machine	Cutting Machine	Fully automated machine for high-precision cutting of glass and aluminum
20	Crimping Machine		Used for crimping aluminum profiles to ensure secure joints