

GULF EXTRUSIONS

MAGAZINE

ISSUE 35

JUNE / JULY 2025

Gulf Extrusions supplied high-quality aluminum system for 'Zayed Educational Complex' in Sharjah.



Gulfex stick system and semi structural curtain wall

Comprehensive training session conducted to strengthen management systems and enhance business excellence.

Gulf Extrusions hosts ESG Week under the theme "Ending Plastic Pollution", reinforcing its commitment to sustainability.

Gulf Extrusions LLC | A Subsidiary of Saif Al Ghurair Group LLC.

Table of Contents

INSIGHT

3 Editorial.

PROJECT

4 Gulf Extrusions supplied high-quality aluminum system for 'Zayed Educational Complex' in Sharjah.

PRODUCT

5 Gulfex stick system and semi structural curtain wall.

TRAINING AND
DEVELOPMENT

7 A comprehensive training session conducted to strengthen management systems and enhance business excellence.

ESG WEEK

8 Gulf Extrusions hosts ESG Week under the theme "Ending Plastic Pollution", reinforcing its commitment to sustainability.

SUSTAINABLE
ENVIRONMENT

11 Eliminating Single Use Plastic Bottles Companywide.



VORTEX 61.5MM



VORTEX 70MM



CURTAIN WALL 50MM



CURTAIN WALL 60MM



Gulf Extrusions Magazine

June / July 2025

Issue 35

Editorial

Dear Readers,

Welcome to the June edition of Gulf Extrusions magazine, where we bring you a collection of latest news, activities, projects and initiatives that reflect our ongoing commitment to excellence, sustainability, and environmental stewardship.

One of the highlights this month was our contribution to the Zayed Educational Complex in Sharjah, where Gulf Extrusions supplied high-quality aluminum systems that meet the highest performance standards in durability, energy efficiency, and aesthetics. This project not only reflects our technical capability but also our alignment with national development priorities in the education sector.

As part of our continuous engagement with design and innovation, we've also taken the opportunity in this issue to spotlight a fundamental architectural element: Gulfex stick system and semi structural curtain wall.

Internally, we advanced our culture of excellence through a comprehensive training program on Management Systems and Business Excellence. The sessions covered key topics such as ISO certifications, sustainable operational standards, and governance frameworks.

In parallel, Gulf Extrusions hosted ESG Week 2025 under the theme "Ending Plastic Pollution." Held from July 1st to 4th, the initiative brought employees together across departments to learn, engage, and act on crucial environmental, social, and governance topics. The program included interactive sessions on GHG emissions, fire safety, data protection, and more - demonstrating how we turn principles into action.

One tangible step that emerged from our ESG focus is the reduction of single-use plastic water bottles across the company. By introducing reusable alternatives and increasing awareness, we're aligning everyday choices with long-term sustainability goals.

As we continue into the second half of the year, the message is clear: quality, responsibility, and continuous development are not separate goal, rather they are essential part of the same journey.

We hope you find this issue insightful and inspiring, as we continue to strive for excellence in everything we do.

Enjoy reading!



GULF EXTRUSIONS MAGAZINE

June / July 2025 | Issue 35

For suggestions and contributions, please write to Hassan.Sukkariah@gulfex.com

Gulf Extrusions supplied high-quality aluminum system for 'Zayed Educational Complex' project in Sharjah.



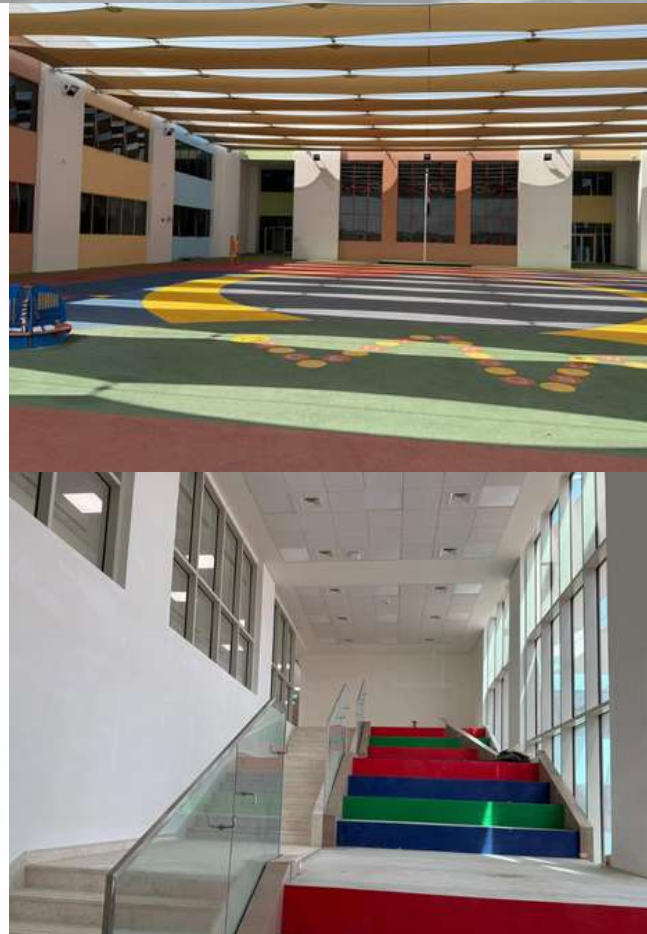
'Zayed Educational Complex' project exemplifies the integration of modern design and sustainable materials, highlighting the versatility and durability of our aluminum systems at Gulfex.

| | |
|----------------------|-------------------------------------------------|
| Project Name | ► Zayed Educational Complex - Mezairah. |
| Project Type | ► G+1 (School). |
| Location | ► Mezairah in Sharjah, UAE. |
| Client | ► Presidential Court - MUBADARAT. |
| Consultant | ► Makan consulting Engineers LLC. |
| Contractor | ► Masri Engineering & Contracting. |
| Subcontractor | ► Horizon Aluminium. |
| System Used | ► Curtain Wall 50 and TB 600 (Gulf Extrusions). |

Gulf Extrusions recently completed Zayed Educational Complex in Mezairah - Sharjah, providing high-quality Curtain Wall 50 and TB 600 aluminum systems, a true reflection of architectural excellence and expertise.

Zayed Educational Complex – Mezairah is one of seven landmark educational facilities launched in 2023 by the Presidential Court under the 'MUBADARAT' initiative, featuring Gulf Extrusions' specified systems.

This impressive project highlights our strong contribution to the educational sector and reflects Gulf Extrusions' deep-rooted presence in the UAE's major foundations and infrastructure.



Gulfex stick system and semi structural curtain wall

What is a Curtain Wall?

Building envelope, reflecting the architectural beauty of the building. Aluminum curtain wall systems are exterior facades that do not carry structural loads beyond their own weight and the environmental forces (wind, rain, etc.).

1. Stick System Curtain Wall

Description:

Assembled piece-by-piece on-site using vertical mullions and horizontal rails.

Advantages:

- Cost-effective for low to mid-rise buildings.
- Flexible for design changes during construction.

Disadvantages:

- Labor-intensive and time-consuming on site.



2. Unitized (Modular) System

Description:

Factory-assembled panels (including glazing, insulation, and sometimes cladding) are installed directly onto the building.

Advantages:

- Faster installation and higher quality control.
- Ideal for high-rise buildings.

Disadvantages:

- Higher initial cost.
- Requires precise structural tolerances.



3. Semi-Unitized System

Description:

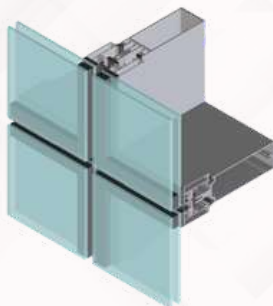
Hybrid between stick and unitized systems; verticals are installed on-site while horizontals and panels may be pre-assembled.

Advantages:

- Balances speed and flexibility.
- Cost-effective compared to full unitized systems.

Disadvantages:

- More complex installation process.



4. Structural Glazing Curtain Wall

Types:

1-Two-sided structural glazing: Glass bonded on top and bottom; sides mechanically supported.

2-Four-sided structural glazing: All edges are bonded with silicone; no visible frame.

Advantages:

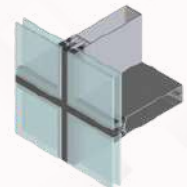
- Seamless glass appearance.
- High aesthetic value.

Disadvantages:

- Requires high-precision installation and special sealants.



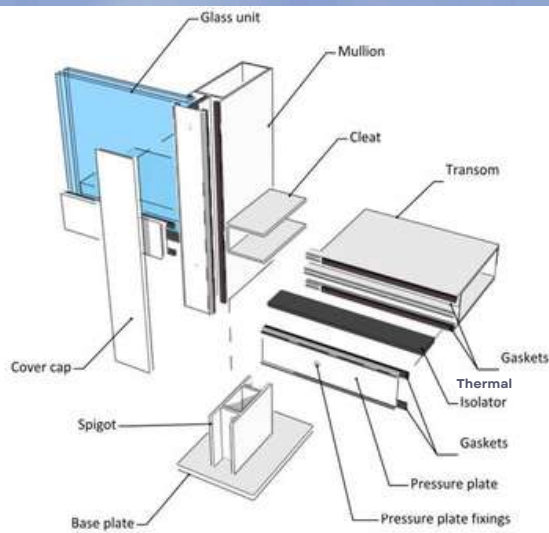
Two-sided structural glazing



Four-sided structural glazing

Functions of Curtain Walls:

- Building Envelope.
- Prevents water penetration.
- Eliminates air impermeability.
- Depending on the glass specifications, it improves acoustic insulation.
- Solar performance is controlled by using thermally insulated aluminium and higher glass specifications.



5. Spider Glazing (Point-Fixed Glazing)

Description:

Glass panels are fixed using stainless steel spider arms and bolts, often to a steel structure.

Advantages:

- Minimalist, frameless look.
- Allows for maximum transparency.

Disadvantages:

- Complex engineering and expensive.
- High maintenance.



6. Pressure-Equalized Rainscreen

Description:

Uses a cavity system behind the aluminum skin for moisture and air pressure management.

Advantages:

- Excellent weather resistance and moisture control.

Disadvantages:

- Complex detailing and higher initial cost.



7. Double-Skin Facade

Description:

Two layers of facade (typically glass), with an air cavity in between, often ventilated.

Advantages:

- Excellent thermal and acoustic insulation.
- Supports natural ventilation strategies.

Disadvantages:

- Costly and space-consuming.



Additional Customization Options:

Aluminum finish types:

Powder coating, anodizing, PVDF.



Glass types:

Low-E, tinted, laminated, insulated.

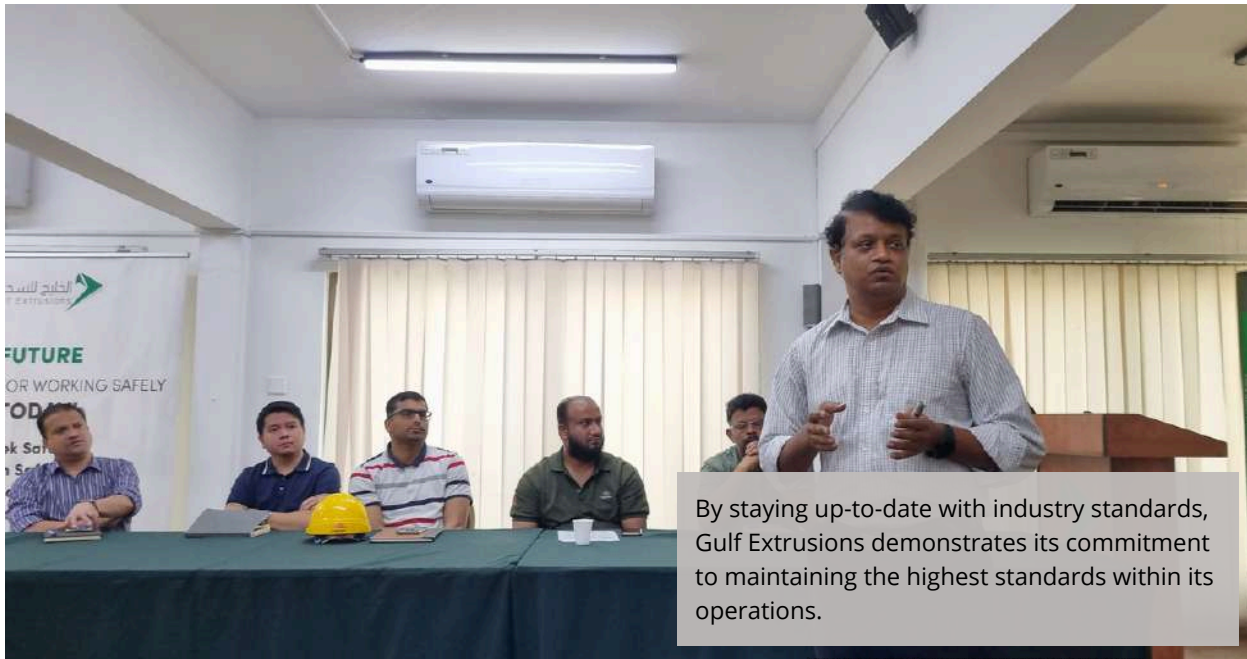


Infill options:

Metal panels, stone, glass, or photovoltaic panels.



Comprehensive training session conducted to strengthen management systems and enhance business excellence.



By staying up-to-date with industry standards, Gulf Extrusions demonstrates its commitment to maintaining the highest standards within its operations.

Gulf Extrusions conducted an in-depth training session on 12 June focused on enhancing management systems and driving business excellence, reinforcing our commitment to continuous improvement, global standards, and sustainable innovation.

The training brought together key divisions in the commercial department to align on critical areas that define operational excellence and market leadership.

The session covered a wide range of strategic topics, starting with a detailed overview of GEX ISO certifications, accreditations, and compliance planning – ensuring all teams are aligned with current and proposed standards.

The training session featured insightful presentations from industry experts, who shared their expertise on best practices and emerging trends.

Participants gained a clear understanding of the scope and applicability of major ISO standards and how they underpin the company's operational credibility across global markets.

The session also covered updates to the sales procedures and provided a strategic overview of GEX processes, products, and their certifications – existing and proposed – across key application sectors including architectural, automotive, construction, industrial, and aerospace.



A significant portion of the training was dedicated to sustainability, emphasizing the role of Green Billet, CBAM, Life Cycle Assessment (LCA), Environmental Product Declarations (EPD), and LEED standards in shaping responsible production and sustainable supply chains.

These insights support Gulf Extrusions' ongoing efforts to lead in low-carbon aluminum solutions and comply with evolving regulatory frameworks.

This training reflects Gulf Extrusions' unwavering focus on business excellence, knowledge sharing, and equipping teams with the insights needed to deliver value in a fast-evolving market landscape.

Gulf Extrusions hosts ESG Week under the theme “Ending Plastic Pollution”, reinforcing its commitment to sustainability.



Gulf Extrusions officially launched ESG Week 2025 on 30th June, setting the stage for a week-long internal campaign focused on raising awareness around key sustainability and governance topics. The event formally ran from 1st to 4th July, under the impactful theme “Ending Plastic Pollution.”

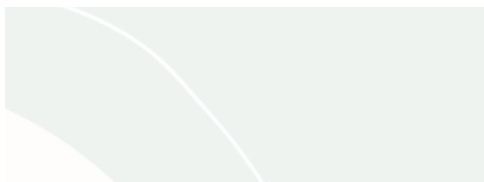
This annual initiative reaffirmed the company’s commitment to Environmental, Social, and Governance (ESG) values, aiming to drive sustainable solutions, enhance employee awareness, and implement HSE best practices at the workplace.

The event consists of daily on-line ESG sessions looking to amplify the main opportunities aiming to increase the HSE awareness and enhance the sustainable growth at Gulf Extrusions.

The program featured expert-led presentations, interactive Q&A segments, and post-session quizzes designed to engage and educate employees in a meaningful way.

Throughout the week, participants explored critical topics across ESG pillars:

- **Environmental:** Focused on reducing greenhouse gas emissions, minimizing plastic consumption, and promoting eco-conscious behaviors.
- **Social:** Covered fire safety awareness, emergency preparedness, occupational health, and workplace hazard prevention.
- **Governance:** Emphasized personal data protection, employee responsibilities, and regulatory compliance.



A four-day company-wide initiative promoting environmental responsibility, workplace safety, and data protection.





“

Our commitment to providing sustainable products and exceptional services to our clients is reflected in our continuous efforts to develop ESG sustainable solutions in accordance with international standards and industry best practices, which are implemented throughout every stage of our operational processes and business activities.

While maintaining a healthy workforce, Gulf Extrusions has incorporated the highest environmental conservation standards within each of its operations.

The ESG Week agenda included sessions dedicated to best waste management solutions encouraging environmentally conscious practices in the company that have led to sustainability and stronger communities wherever we operate.

The event was a resounding success, providing industry professionals and participants alike with truly memorable days of learning and collaboration.

The closing ceremony of ESG Week 2025 was attended by Gulf Extrusions CEO, Mr. Omar Shegem, Deputy General Manager Mr. Sameer Alkhreisha, QHSE & Sustainability Manager Mr. Emran Abu Marar, along with department heads and employees from across the organization—demonstrating strong leadership support and company-wide engagement.

Through its various activities, the ESG event succeeded in increasing HSE awareness and presenting improved ESG standards that are essential for ensuring sustainable practices across Gulf Extrusions.

ESG Week

The event concluded on 4th July with a vibrant closing ceremony that celebrated employee participation and recognized outstanding contributions. Highlights of the ceremony included:

- Presentation of the ESG Trophy to the department demonstrating the highest engagement.
- Awarding of certificates and prizes to quiz winners.
- Distribution of reusable water bottles to all employees in line with the event theme.
- A cake-cutting ceremony marking the successful close of the week.
- Special recognition trophies presented to the organizing team for their creativity, dedication, and flawless coordination.



“

At gulf extrusions, we believe that providing high-quality products and outstanding services to our customers is of utmost importance. We are equally committed to operating in an environmentally and socially responsible manner.

As we move through the warmer months of the year, ESG team conducted on-line session that teaches our employees to take preventive measures such as drinking water frequently, reducing physical exertion and avoiding direct exposure to sunlight and heat as much as possible.

The event was a resounding success, providing industry professionals and participants alike with truly memorable days of learning and collaboration.



Through its various activities, the ESG event succeeded in increasing HSE awareness and presenting improved ESG standards that are essential for ensuring sustainable practices across Gulf Extrusions.

ESG Week



Key Outcomes:

- Increased awareness of the environmental impact of plastic use and the importance of ESG values
- Strengthened cross-functional engagement and collaboration
- Enhanced employee motivation through recognition and rewards
- A reaffirmed commitment to sustainability, workplace safety, and responsible governance

Here at Gulf Extrusions, we are constantly striving to explore innovative solutions which create a positive impact on the environment and help to achieve the ambitious goals towards building a better tomorrow for our planet and future generations.



Eliminating Single Use Plastic Bottles Companywide.



Towards building a better tomorrow for our amazing planet and future generations.

By taking a step to promote a sustainable environment and secure a greener nature for our community and future generations, Gulf Extrusions, is set to reduce the use of plastic water bottles across its premises.

A successful environmental initiative in the company's offices and facilities saw plastic water bottles phased out during June and July 2025, with the company's employees receiving a free metal water bottle to use instead.

The switch from plastic to metal water bottles is just one of the many Corporate Social Responsibility (CSR) initiatives and activities being implemented by Gulf Extrusions.

Through the involvement of all employees in this initiative, Gulf Extrusions supports global efforts to combat climate change, the green vision of the UAE, and the Dubai Plan 2025. This initiative will help avoid plastic waste pollution by inspiring behavioral change.

Supplying our employees with a reusable bottle not only eliminates the need for cups in the office but also provides them with a practical and eco-friendly option for hydration outside of work.

The Gulf Extrusions goal to reduce single-use plastic consumption underlines its commitment to promoting a sustainable environment for the local community and society at large.

Gulf Extrusions is committed to enhancing the sustainable development of the community through focusing its efforts on three areas:

- 1- Pioneering alternative materials**
- 2- Shaping environmentally friendly lifestyles**
- 3- Driving new behaviors**

GULF EXTRUSIONS

MAGAZINE

ISSUE 35

JUNE / JULY 2025

INNOVATIVE
ALUMINIUM
EXCELLENCE

Gulf Extrusions LLC | A Subsidiary of Saif Al Ghurair Group LLC.



Gulf Extrusions LLC, PO Box 5598, Dubai, United Arab Emirates
www.gulfex.com

Tel: 00971 4 884 6146

Fax: 00971 4 884 6830