

# SEAM MASTER ENGINEERING INDUSTRIES



## Company Profile

Fabrication and construction of Metal and steel frames, cold roll forming for various metal and steel sections, roof claddings using aluminum, steel and poly carbonate for skylights in addition for steel construction contracting

NEVER REROOF  
ALUMINUM ROOF

**Since 2011, multi span for engineering and construction factory started its activities in Egypt, it is located at Belbeis city, on 2250 M2 area.**

**Multi span for engineering and construction building construction business principals of quality, service and value in safe way.**

**We have always been dedicated to provide high quality services with our client's budget and time frames, in addition to the general constructions.**

**We provide custom designed service as construction management.**

**Multi span for engineering and construction is an engineering manufacturer and contracting, working mainly in the fabrication and constructing of Standing seam system.**

**We are capable of handling a full control on turnkey projects.**

## Our Vision:

To become an international steel company that helps clients to achieve their goals

## Our Mission:

To supply our clients with designs and high-quality products at competitive prices.

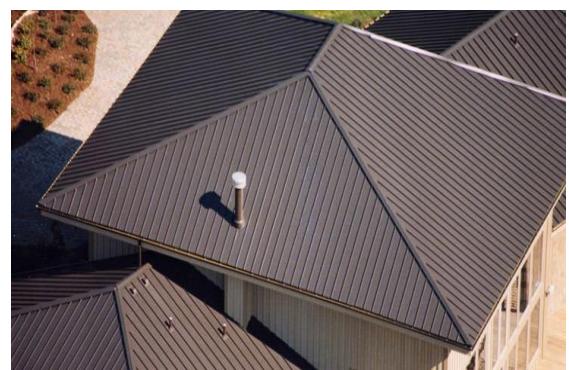
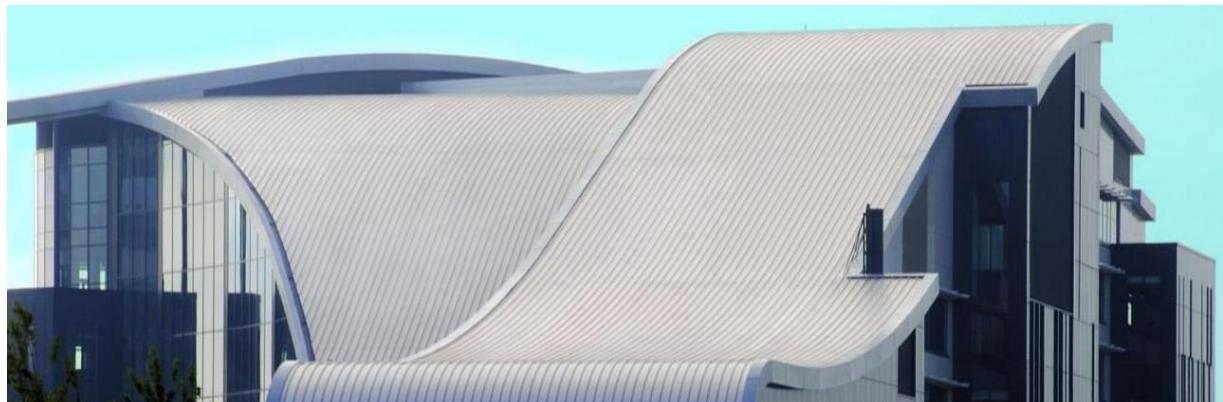
We will accomplish our mission through our commitment with growth strategy, outstanding manufacturing techniques, and after sale service.

## Our Goals:

Our goals typically revolve around sustainable growth, client satisfaction, and operational efficiency. These goals can be achieved by expanding into new markets, offering new services, embracing sustainability, and investing in employee training. Furthermore, prioritizing client satisfaction through effective communication and exceeding expectations is crucial for repeat business and referrals.

- **What is Seam Roofing System?**

Fabrication and construction of Metal and steel frames, cold roll forming for various metal and steel sections, roof claddings using aluminum, steel and poly carbonate for skylights in addition for steel construction contracting. The Standing Seam concealed fastener panel gives you the leak resistance and beauty of a traditional standing seam roof without the expense and installation difficulty of clips. The fastening slots allow the panel to easily expand and contract with temperature changes. The 65mm high rib provides a sharp, well-defined look for residential and light commercial applications. It can be used for roofing, mansards, or fascia's. The panels must be applied over a solid substrate on roof pitches of 3:12 or greater. With proper handling and installation, Standing Seam will provide years of outstanding performance and beauty.



## - Features and Benefits:



Standing seam system creates a continuous weather tight roof. The side laps are 'zipped-up' in conjunction with a unique halter system that is fixed directly to the supporting structure without penetrating the external weather sheet. This method of secret fixing creates a structurally sound roof construction that provides excellent weather tightness and resistance to wind uplift.

SEAM MASTER SSRS can be manufactured on-site allowing roofs to be constructed using very long sheet lengths, eliminating the need for any end laps and considerably increasing speed of construction.

- Comprehensive color ranges for coated metal systems.
- Standard cover widths of 400mm and 500mm. The minor striations provide strength and reduce the incidence of oil canning in the panel)
- Lengths of 1m to 150m, manufactured on-site. Longer lengths require additional handling, packaging, and shipping considerations. Standing Seam panels cannot be end-lapped. You must order full length panels to avoid end laps.
- Gauges of aluminum typically are 0.7 mm and 0.8mm.
- Standing Seam has a 65 mm high rib, making it an excellent choice for commercial applications like Airports.
- Can be naturally curved on site for radii over 40m.
- Can be mechanically smooth curved to 5m convex or 12m concave radii.
- Tapered sheets are manufactured on site, using fully automated single pass machinery, in cover widths from 400mm to 500mm.
- Suitable for pitches as low as 1.5° including deflection.
- SEAM MASTER system is green.
- Design flexibility and superior aesthetics.
- Broad range of metal substrates including aluminum and coated steel.
- Lightweight roofing and cladding solutions.
- Network of trained approved contractors.
- Advanced modern on-site production technology.

- Simple waterproof detailing and superior weathertightness as well as excellent resistance to wind uplift.
- Fully guaranteed, striking building envelopes.
- Architectural fabrications service available to all contractors.
- Fully complies with Building Regulations.
- Up to 30 years guarantee available on a project-by-project basis.
- Simple fast track installation.
- Non-combustible roofing system – could reduce insurance premiums.
- BS EN ISO 9001 (Quality Management) approved systems.

- **Waterproofing**

- Through robust and proven detailing, SEAM MASTER SYSTEM Insulated Panels are able to eliminate all risk of leakage when installing SEAM MASTER SYSTEM, thanks to the eave/gutter junctions & verges details that we provide.

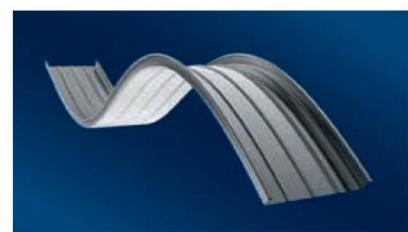
- **Design:**

- The SSRS panels are attached to a variety of substrates with concealed anchor clips that minimize exposed panel securement fasteners. The anchor clips are designed and tested to allow for thermal movement in the installed roofing system. Where conditions permit, the panels can be designed to extend continuously from roof eave to fascia without flashing or elastomeric rib caps, all of which would detract from the aesthetics and weathertightness of the system. The mechanically field-seamed, factory-caulked battens eliminate exposed fastening along the side laps.
- Modern metal roofing systems come in nearly an infinite number of colors – as mentioned before, many finishes and are extremely flexible in terms of shapes and curves
- SEAM MASTER SYSTEM enables roofing and façade shapes that, for a long time, were simply not feasible. It has heralded a revolution in free form architecture. Innovative finishes and materials ensure our products make an immediate and lasting impression. Our coatings are available in every conceivable hue. The panels are produced to your specifications, ensuring precise alignment with the building – no matter its shape. So the possibilities for turning your ideas into reality are endless.
- SEAM MASTER SYSTEM meets the requirements of very complex designs, including almost all forms of freeform architecture. Our innovative patented production processes have unshackled architects from the traditional constraints of construction technology. Each panel is individually designed and manufactured. Then, it is curved to the exact shape required – enabling us to create façades and roofs for buildings of all shapes and sizes.

- Offering the ultimate in design flexibility, SEAM MASTER SYSTEM is manufactured in aluminum and is also available in coated steel and can be supplied smooth, embossed, concave or convex smooth curved, tapered and wave formed or tapered and smooth curved.



## ***Straight Sheet***



***Convex***

***Concave***

***Wave shape***



## ***Tapering***

### **Cost:**

During the planning stage, we determine the most cost-effective combination of straight, tapered and freeform the panels for your project.

Renowned for their outstanding aesthetic properties and performance characteristics, standing seam roofing systems offer specifiers and contractors the best options as they are effective construction solutions with numerous benefits. Credit goes to our mobile production equipment, which enables us to manufacture cladding directly at your construction site, minimizing shipping costs. And when it comes to materials, we consider all key criteria, including quality, durability, and ease of maintenance – for example, by using finishes that require less frequent cleaning. 3D surveys of the building allow the creation of a precise as-built model, paving the way for simpler, safer installation. All this ensures cost-effective planning, construction and maintenance.

**Sustainability & Thermal solutions:**

Our cities consume vast quantities of energy, with the heating and cooling of buildings. Not surprisingly, buildings have a dramatic negative global environmental impact, which is unsustainable, given the world's predominant reliance on fossil fuels and their rapidly increasing costs. Therefore, energy consumption and carbon emissions reduction is an increasingly significant issue for businesses, with integrated design, sustainable construction and optimal operation of buildings are now the top priority of regulatory, property stakeholder and individual corporate agendas.

**Building Regulations**

New regulations/standards manage the amount of energy required to heat and cool a building by taking into account the construction and operation of a building as a whole, rather than as a set of individual elements. For buildings, other than dwellings, the main areas of building design/construction to be assessed include:

- significant increase in insulating performance standards (U and R values);
- a change in the U and R value calculation method to take into account cold bridges;
- increased standards of design detail and site workmanship to reduce incidence of gaps in insulation and effects of cold bridging; and
- rise in standards of fabric airtightness to minimize unwanted air change.

We put great energy to ensure that buildings require as little energy as possible – by designing and deploying innovative systems and solutions. The halter, made of fiber-glass reinforced material, prevents thermal transfer between roof and building. Our specially designed rails create continuous surfaces that are ideal for the rapid and reliable installation of photovoltaic and solar thermal systems. And we use aluminum, the ultimate eco-friendly material that's 100 percent recyclable.

Due to the zip-up side lap detail of SEAM MASTER SYSTEM with halters secured to the steelwork below, a structurally sound roof with excellent resistance to wind uplift is created. By their nature, standing seam systems provide a lightweight construction solution, requiring very little change in site handling methods due to increased weight.

**Increased Insulation Levels**

The construction of SEAM MASTER SYSTEM is virtually unaffected by any proposed increase in insulation levels. To accommodate the extra thickness of insulation the only change required will be an increase in the height of the halter/increase in the height of hat or Z profile.

**Continuity of Insulation**

It is not unknown for traditional site assembled built-up systems to lack continuity and have gaps where insulation is missing. These systems however tend to utilize a 'Z' spacer system where it is more difficult to ensure continuity of insulation.

With SEAM MASTER SYSTEM the external weather sheet is fixed to a series of halters, which easily allows the continuity of the insulation to be maintained. The thermally broken halters also minimize the incidence of any cold bridging. By using SEAMERS SSRS standing seam systems installed by approved contractors, you can be confident that 'as built' performance matches the approved design specification.

We put great energy to ensure that buildings require as little energy as possible – by designing and deploying innovative systems and solutions. The halter, made of fiber-glass reinforced material, prevents thermal transfer between roof and building. We use aluminum, the ultimate eco-friendly material that's 100 percent recyclable.

Our coating is exceptionally robust and durable. It requires less frequent cleaning, reducing the need for detergents and similar products. All this and more makes SEAM MASTER SYSTEM cladding solutions an environmentally friendly and sustainable choice.

## - Unwanted Air Change

### ❖ Cooled Buildings

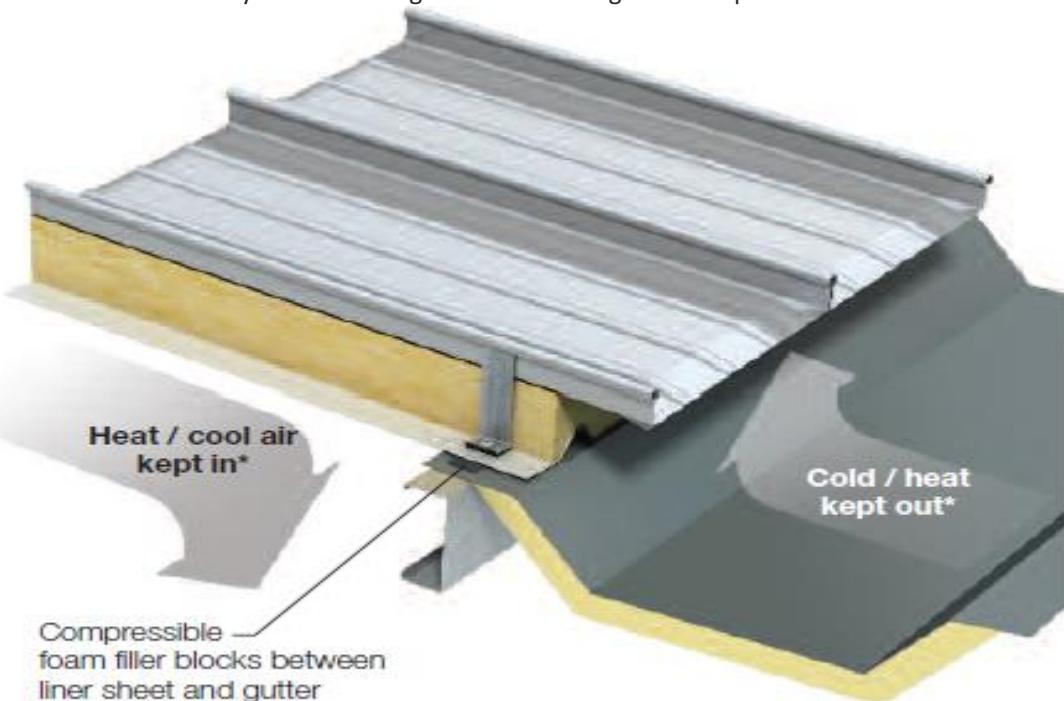
If the building envelope is leaking the higher pressure, warm air will move to the lower pressure (internal atmosphere) and consequently more cold air has to be produced to compensate for the heat gain.

On buildings this leads to greater levels of energy consumption and consequently higher CO2 emissions.

### ❖ Heated Buildings

As a result of convection, air movement through poorly sealed building envelopes is responsible for an increase in energy consumption levels through unwanted air change. This is thought to account for the highest proportion of heat loss in many buildings.

Warm air leakage is also the primary cause of chronic condensation within a roof structure. During the heating of a building its performance is broadly similar to a hot air balloon as heating the air creates a pressure differential which 'inflates' the fabric of the envelope. SEAM MASTER SYSTEM should only be installed by approved contractors who are trained by Multi span Co. to ensure the highest levels possible of workmanship. Sealing the liner sheet prior to the construction creates an airtight roof that easily meets existing and future air tightness requirements.



\* Dependent on prevailing climate

SEAM MASTER are self-venting and therefore reduce any risk of condensation. Reducing energy loss will not only lower running costs and CO2 emissions significantly, but will also reduce the actual cost of the building itself by scaling down the size of refrigeration and air handling plant. Major food retailers and other end users are already enjoying these benefits.

## **Product information:**

### **Determining panel length**

Our specialized engineers always study projects to determine the panel length.

### **Peak, Ridge, End wall, Hip:**

Panels should be started 25mm down from edge or peak (length of run minus 25mm). If ridge or peak is ventilated, start sheet down 50mm from edge or peak. This could vary depending on the type of ventilation being used.

### **Product Dimensions**

**Nominal Gauge (mm)** 0.7, 0.8, 0.9, 1.0 & 1.2

**Panel Length (m)** 1.5 to 150

**Standard Cover Width (mm)** 400 & 500

### **Typical Weights – Aluminum**

Cover Width	0.9mm		1.2mm	
	kg/m <sup>2</sup>	kg/m	kg/m <sup>2</sup>	kg/m
400mm	3.65	1.46	4.87	1.95
500mm	3.36	1.67	4.45	2.22

### **Product Tolerances**

**Cover Width** +2mm / -2mm

**Edge Squareness** 1% of sheet cover width

**-up to** 10m long +10mm / -5mm

**-over** 10m long +10mm (+1mm per meter length over 10m) / -5mm

### **Tapers**

SEAM MASTER SYSTEM panels are available manufactured to a taper.

Our state of the art tapering machine is capable of rolling tapers in a single pass from coil, and allows the production of tapered sheet at a similar rate to parallel sheet. The roll former is mobile, allowing tapering to be carried out on site when transport is restricted due to the sheet lengths required.

The taper minimum width is 250mm at one end and 500mm at the other end, on sheets with a minimum length of 3.5m and up to any length maximum. Tapered sheets will self-curve to 40m convex radius and can be machine curved to 12m radius if required.

### **Curves**

SEAM MASTER profiles can be curved in a variety of options to suit the required application.

The profile can be concave, convex or wave shaped, incorporating both curves in one sheet.

Profiles with self-curve convex to a large radius, can be mechanically smooth curved down to as little as 5m radius. If required, profiles can be crimp curved down to 500mm radius. In some cases, the micro-ribbing of the SEAMERS profile can help to produce a clean, curved appearance. Both springing and curving of SEAM MASTER SYSTEM profiles can result in stresses in the material causing an 'oil canning' effect in some cases. Mechanical curving can eliminate the majority of these cases, although care must be taken in checking the structure line of curve carefully, plus ensuring that all halters are in line as any discrepancy will affect the line of halters, resulting in poor aesthetics.

**Acoustic Properties**

SEAM MASTER has the flexibility to meet the acoustic requirements of most buildings.

**Standards & Approvals**

SEAM MASTER panels are produced to the highest quality standards including BS EN ISO 9001.

The product has been designed to fulfill a specific application and is manufactured to precise standards and tolerances, fully compliant with ASTM E1637 and FM 4471.

**SEAMERS Guarantee**

SEAM MASTER Insulated Panels can provide a product and performance warranty on a project-by-project basis.

**Packaging**

SEAM MASTER panels are packed with polystyrene strips between each sheet and banded with timber battens top and bottom. Fully timber crated packs are available on request.

**Delivery**

Unless otherwise indicated all deliveries by road transport, direct to the project site. Exported products are subject to additional costs.

**Site Installation**

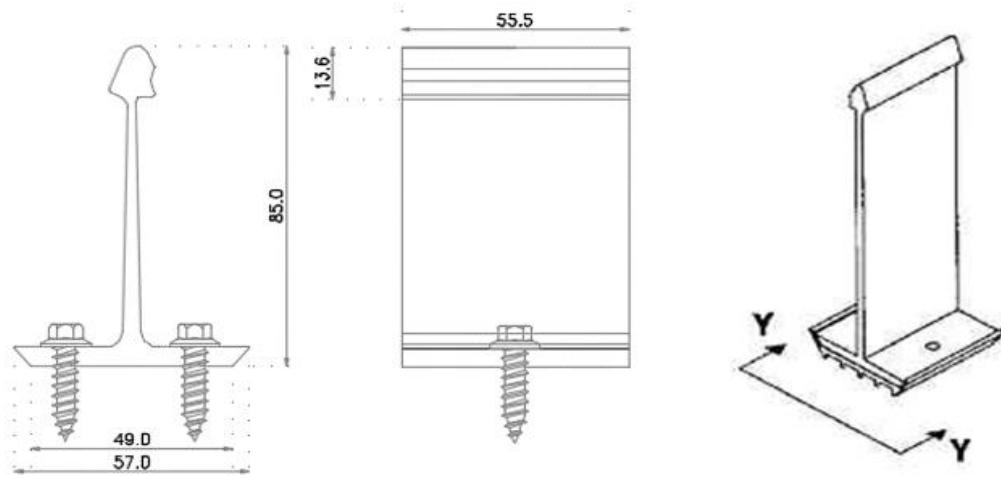
SEAM MASTER system is ideal for freeform and polygonal structures. Each panel is individually cut and curved to precisely fit the building. The system substructure can be adjusted in three dimensions. This means you can precisely adjust the position of halters and panels to ensure perfect alignment – making our system suitable for practically all building types.

As mentioned in the section “Features and benefits” The side laps are ‘zipped-up’ in conjunction with a unique halter system that is fixed directly to the supporting structure without penetrating the external weather sheet. In other words, the sheets are pushed onto the aluminum halter brackets and then “zipped-up” using a special tool. This design eliminates through fix fasteners and the need for end laps by incorporating full-length sheets to run from ridge to eaves (eaves to eaves on curved roofs), therefore making water penetration virtually impossible even when laid at extremely shallow pitches. Tapered sheets are manufactured on site, using fully automated single pans machinery, in cover widths from 400mm to 500mm.

- **Halters**

Halter brackets are available in two different materials.

- ❖ Themo halter: A unique pultrusion with thermal transmission of virtually zero. The Themo halter can be used in the traditional system without cold bridging through the system.
- ❖ Traditional aluminum extrusion for use with the Coro grid bar and bracket system. Whilst Bar & Bracket systems used with traditional halters meet full compliance with current regulations they only do so because the current regulations allow widespread brackets to be omitted from calculations. The Themo halter is the next generation of halter to ensure continued compliance when the regulations change.



- **FASTENERS**

The fasteners to be used in any standing seam roofing application must be properly sized and spaced to meet or exceed the specified design loading with an adequate safety factor. Standing seam roofing systems eliminate many of the fasteners typically used in a corrugated or ribbed metal roofing system. Fasteners which secure the anchor clips to the structure have become a more critical component in the system as fewer fasteners are required. Refer to the Design Considerations Section for more detailed information on fasteners.

FASTENER TYPE AND DESCRIPTION	
ITEM	DESCRIPTION AND USE
<b>#14-10 Hex Head Type "A" Screw</b> 	Length from 3/4" [19mm] to 6" [152mm] assembled with 15 mm O.D. 20 [.91] gage sealing washer. Zinc-plated carbon steel or 300 Series stainless steel when exposed. Used to attach clips, flashings, and panels to purlins not thicker than 16 [1.587] gage, plywood, or, flashings to panels.
<b>1/4-14 Hex Head Type "AB" Screw — Self Tapping</b> 	Length from 3/4" [19mm] to 1-3/4" [44mm] assembled with 15 mm O.D. 20 [.91] gage sealing washer. Zinc-plated carbon steel or 300 Series stainless steel when exposed. Used to attach clips, flashings, and panels to 14 [1.984], 12 [2.778] and 10 [3.572] gage purlins.

# SEAM MASTER

Engineering Industries

**1/4-14 Hex Head, Type "B" Screw —Self Tapping**



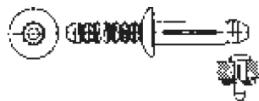
Length from 1" [25mm] to 6" [152mm] assembled with 15 mm O.D. 20 [.91] gage sealing washer. Zinc-plated carbon steel or 300 Series stainless steel when exposed. Used to attach clips, flashings and panels to purlins thicker than 10 [3.572] gage.

**3/16" [5mm] dia. x 3/4" [19mm] Flashing Rivet**



RV6604-6-4W Series Sealing Blind Rivet, standard dome head, aluminum rivet and mandrel, with a weathertight EPDM washer under the head. Used to attach closures to panels, exposed flashings, and gutter systems. Grip range .062" [2mm] to .250" [6mm]; 7/16" [11mm] head diameter.

**5/16" [8mm] dia. x 1" [25mm] Endlap Bulbtite Rivet**



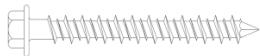
RV6605-9-6W Series Sealing Blind Rivet, large flange head, aluminum rivet and mandrel, with a weathertight EPDM washer under the head. Used to attach panel endlaps. Grip range .042" [1mm] to .375" [10mm]; 3/4" [19mm] head diameter.

**#10 dia. Hex Washer Head, Dual Threaded, Milled Point Wood Screw**



1-1/2" [38mm] long assembled with 1/2" [13mm] diameter 20 [.91] gage galvanized sealing washer. Zinc-plated carbon steel. For attaching flashings to wood structures. Not for plywood attachment.

**1/4" [6mm] dia. Slotted Hex Washer Head Concrete Screw Anchor**



Length from 1-1/4" [32mm] to 5" [127mm]. Masonry embedment from 1" [25mm] minimum to 1-3/4" [44mm] maximum. Used to attach subgirts and flashings to concrete and cement block.

**#14 Roof Grip**



Length for 1-1/2" [38mm] to 8" [203mm]. Used to attach clips through bearing plates and rigid insulation into steel deck.

**Metal Top Sheet**

The external weather sheet is available in 3000 and 5000 series (subject to enquiry) coated or mill finish aluminum, coated/preprinted Z275 galvanized steel, stainless steel, zinc or copper with the following finishes:

**❖ Mill finish anodized**

Mill finish Aluminum does not require maintenance to restore its appearance, it is normally accepted in its weathered condition.

**❖ SEAM MASTER Polyester**

A cost-effective color coating with a medium-term life for both aluminum and steel.

**❖ SEAM MASTER PVDF**

Provides a long-term aesthetic life of approximately 20 years on aluminum offering excellent durability and color stability. This coating is also available as a steel finish with a minimum life of 15 years, subject to regular maintenance.

**❖ SEAM MASTER ARS**

Abrasion resistant coating for aluminum with good handling characteristics.

**❖ SEAM MASTER Spectrum**

SEAM MASTER Spectrum 60 micron offers exceptional durability with high anti-corrosive performance and excellent weathering durability.

**❖ Durabond**

Durabond is an innovative 120-micron paint system with a unique heavy duty anti-corrosive primer and polyamide modified polyurethane final coat, that can be offered for more harsh and corrosive atmospheres.

**Coating Durability**

The lifespan of a metal coating is determined by the geographical location, the local environment, the color selected and the coating type.

**Load Span Tables****SEAM MASTER 400****0.9mm Aluminum (self-weight 3.53 kg/m<sup>2</sup>)**

Span (m)	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00
Download	1.87	1.87	1.87	1.75	1.37	1.00	0.75	0.55
Wind Uplift	<b>3.00</b>	<b>3.00</b>	<b>2.58</b>	<b>2.20</b>	<b>1.91</b>	<b>1.56</b>	<b>1.25</b>	<b>0.95</b>

**1.2mm Aluminum (self-weight 4.70 kg/m2)**

Span (m)	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00
<b>Download</b>	3.00	2.70	2.30	2.00	1.70	1.46	1.08	0.81
<b>Wind Uplift</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>	<b>2.90</b>	<b>2.50</b>	<b>2.10</b>	<b>1.80</b>	<b>1.50</b>

**Notes:**

1. All loads are characteristic working loads in kN/m2 based on 4 or more spans.
2. Download figures based on a deflection limit of span L/200.
3. Wind uplift figures based on a deflection limit of span L/90.
4. Loadings take account of SEAMERS sheet pulling out of the halter bracket under wind uplift using the formula:  $P(\max) = 1.15 \times C \times L \times W$ .  
 $C$  = cover width of sheet (m).  
 $L$  = spacing of the brackets along the sheet (m).  
 $W$  = wind uplift loading (KN/m').
5. Safe load on bracket (P) = 2.80kN (0.7mm steel / 0.9mm aluminum sheet).
6. Safe load on bracket (P) = 3.10kN (1.2mm aluminum sheet).

**Insulation and ventilation**

SEAM MASTER Insulated Panels offer the most comprehensive range of aluminum and steel cladding products available in today's construction market. All SEAM MASTER SYSTEM products are produced to the highest quality standards and designed to fulfill specific applications.

Proper design and installation of ventilation systems are important to prevent condensation and the resulting problems of moisture damage and loss of insulation efficiency.

Condensation occurs when moisture-laden air comes in contact with a surface temperature equal to or below the dew point of the air. This phenomenon creates problems that are not unique with metal buildings; they are common to all types of construction. In addition to providing resistance to heat transfer, insulation can also protect against condensation forming on cold surfaces, either inside the building or within the wall/roof system cavity. The arrangement of the building's insulation system and vapor retarder is the responsibility of the building designer. These are some basic guidelines to help control condensation in a metal building:

- The insulation should have a vapor retarder face on the "warm" side of the insulation. For most buildings, this means that the vapor retarder is on the inside surface (toward the building's interior).
- The thickness of the insulation must be designed to maintain the temperature of the vapor retarder above the interior dew point, using the worst-case expected outside temperature.
- All perimeter conditions, seams, and penetrations of the vapor retarder must be adequately sealed in order to provide a continuous membrane to resist the passage of water vapor.
- Building ventilation, whether by gravity ridge vent, power-operated fans, or other means, contributes significantly to reduced condensation. The movement of air to the outside of the building reduces the interior level of vapor pressure.

On buildings that have an attic space or are being retrofitted with a metal roofing system, proper ventilation needs to be used in order to prevent a buildup of moisture (humidity) in the attic space.

## Multi Span Co. offers a wide range of options, providing complete solutions for the building envelope:

- Insulated Roof & Wall Panels
- Standing Seam Systems
- Fabrications, Safety & Lighting Solutions
- Structural Products & Systems
- Metal Roof & Wall Systems
- BENCHMARK Façade & Roof Systems

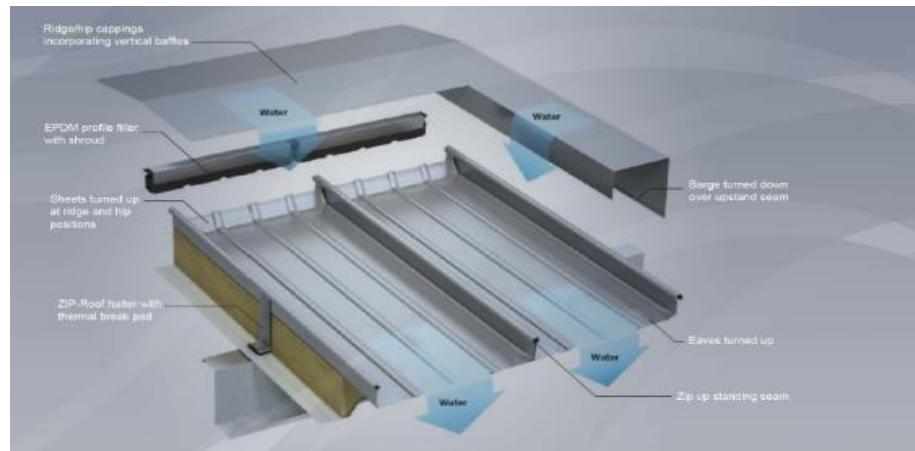
### Technical details:

#### - **Perimeter Detailing**

Water ingress at perimeter details is avoided by overlapping and interlocking the upstand seams of SEAM MASTER sheets, ensuring water is directed towards the eaves and not back into the building.

For low pitch applications the eaves overhang on the top sheet can be turned down to increase the angle of run-off at the eaves end by approximately 20%. This is sufficient to prevent the possibility of water entering the building via the junction at the gutter.

At the hip and ridge positions, the profile can be turned up to form an apex dam across the width of the panel. This detail and the standing seam side lap detail are then overlapped by the verge and ridge flashings.



#### - **Secretly Fixed**

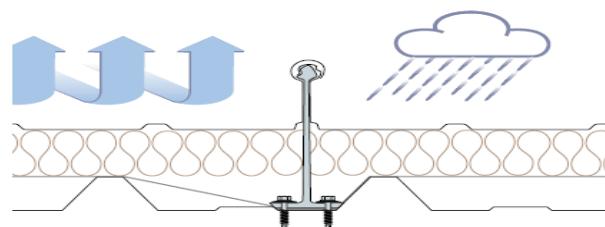
SEAM MASTER profile features a secretly fixed, true standing seam side lap detail providing a continuous weathertight roof and excellent protection in all weather conditions.

- **Long Lengths**

SEAM MASTER panels are available in very long lengths and can be rolled on site where sheet lengths exceed those which can be delivered by road. This eliminates the need for end laps. Lengths of up to 150m can be rolled on site (site-formed) and installed safely.

- **Outstanding Structural Performance**

Structural performance is another major factor that can result in roof failure. SEAM MASTER provides an ideal solution to the most commonly experienced problems.

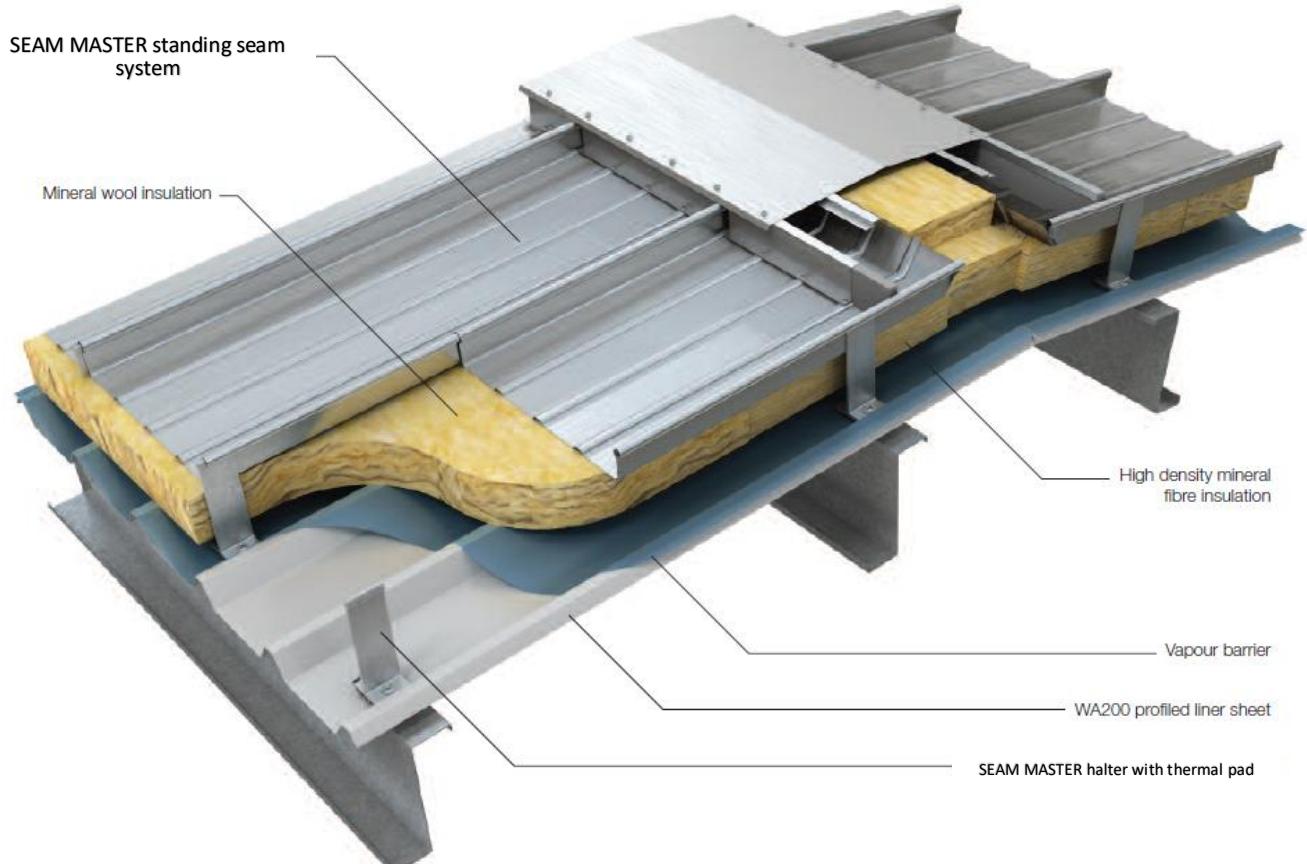
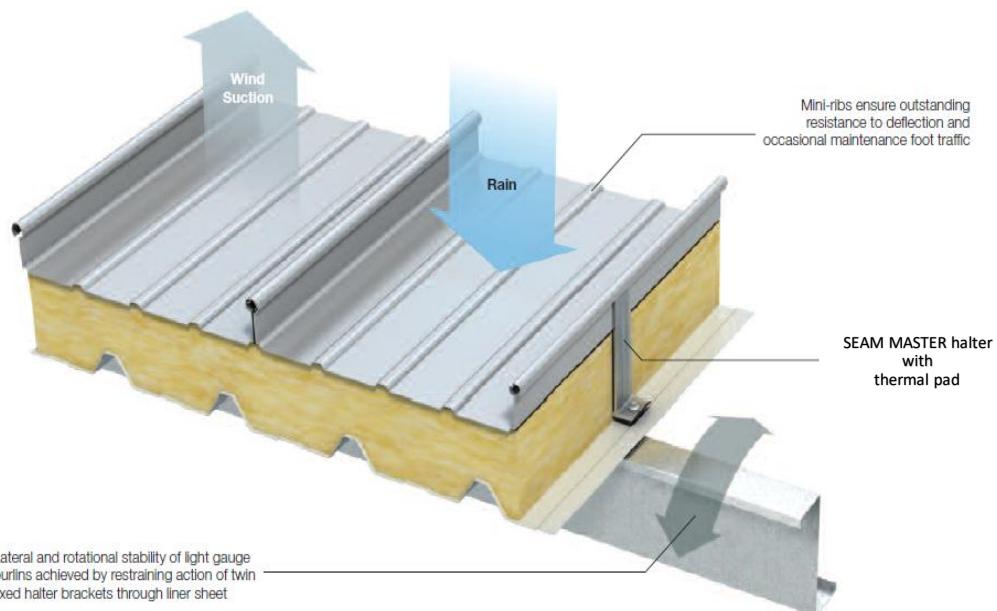


- **Wind Uplift**

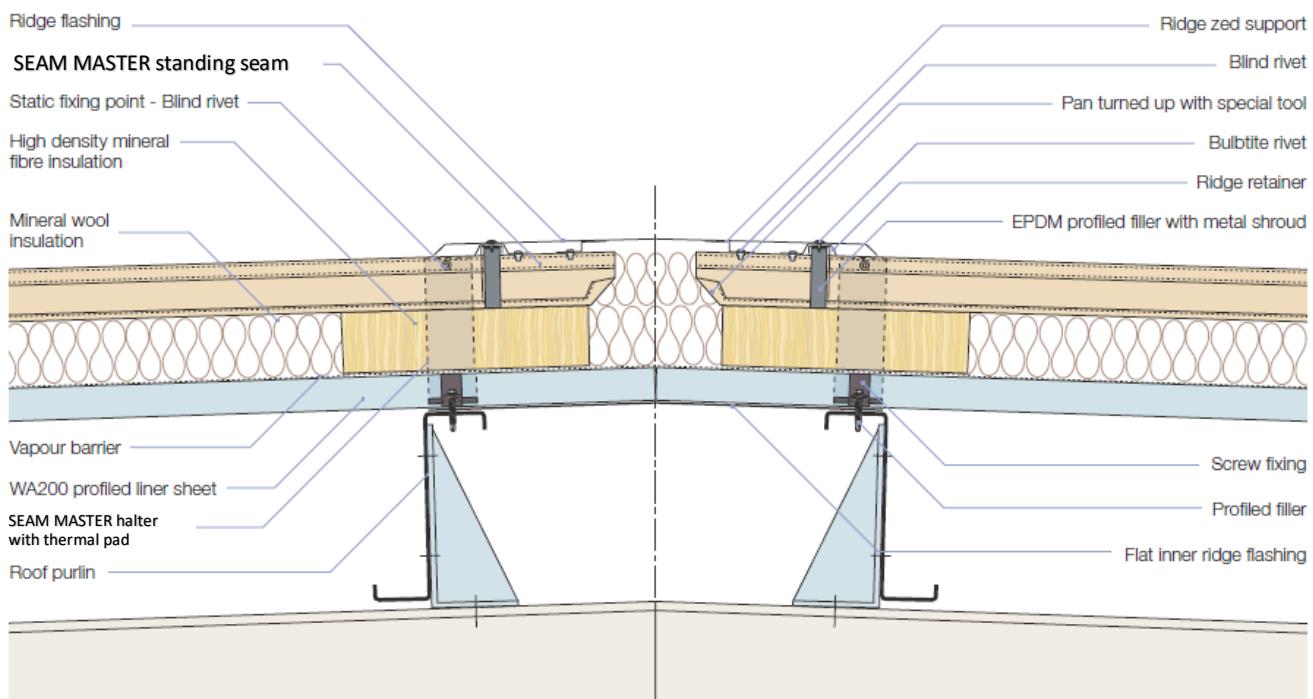
SEAM MASTER provide excellent resistance to wind uplift due to their unique fixing method. The thermally broken halters firmly secure the roof system to the steelwork below. The strength of these joints and fixing details is completed by 'zipping' the side laps together to create a secretly fixed roofing envelope with outstanding structural performance.



A full range of integrated fascia's, gutter and flashings are also available providing the designer/specifier with a complete 'one-stop' roofing solution. Made to individual specifications, all are designed to complement the outstanding aesthetic and performance standards of SEAM MASTER SYSTEM. A range of fasteners and fixings complete the comprehensive package.

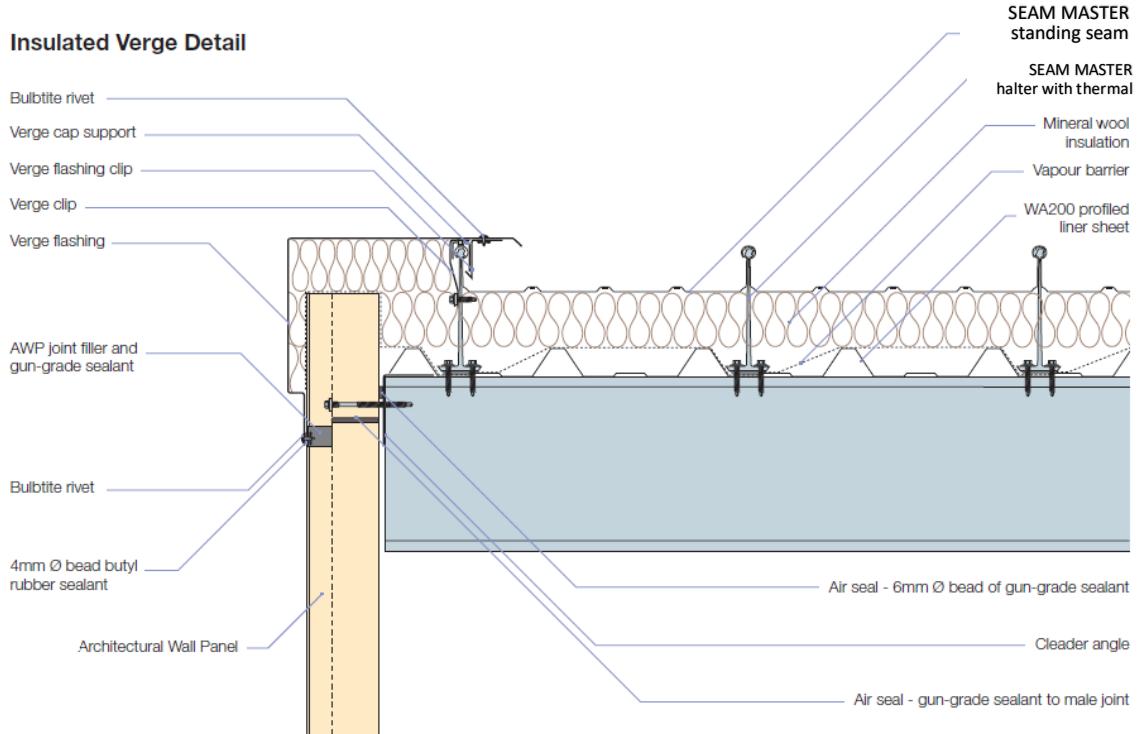


### Ridge Detail

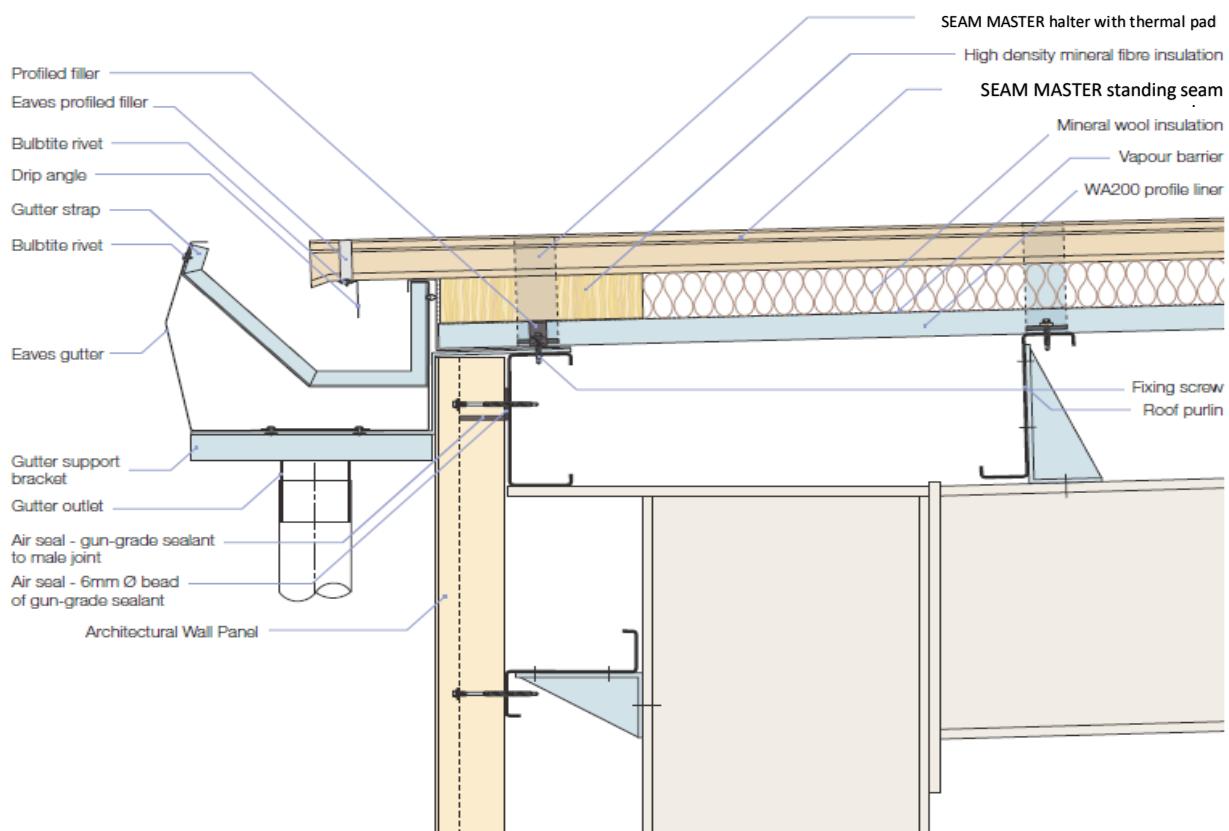


### SEAM MASTER SYSTEM

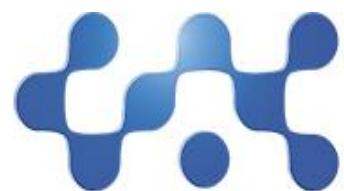
### Insulated Verge Detail



### Eaves Detail



## Our Partners & Reference List



الشركة المصرية للمطارات  
EGYPTIAN AIRPORTS CO.



## Alex West Project :



**Location:** Alex west – Alexandria

**Project:** Wave shape standing seam

**Scope of work:** Fabrication and install of 1000 m2

## Samsung tablet factory:

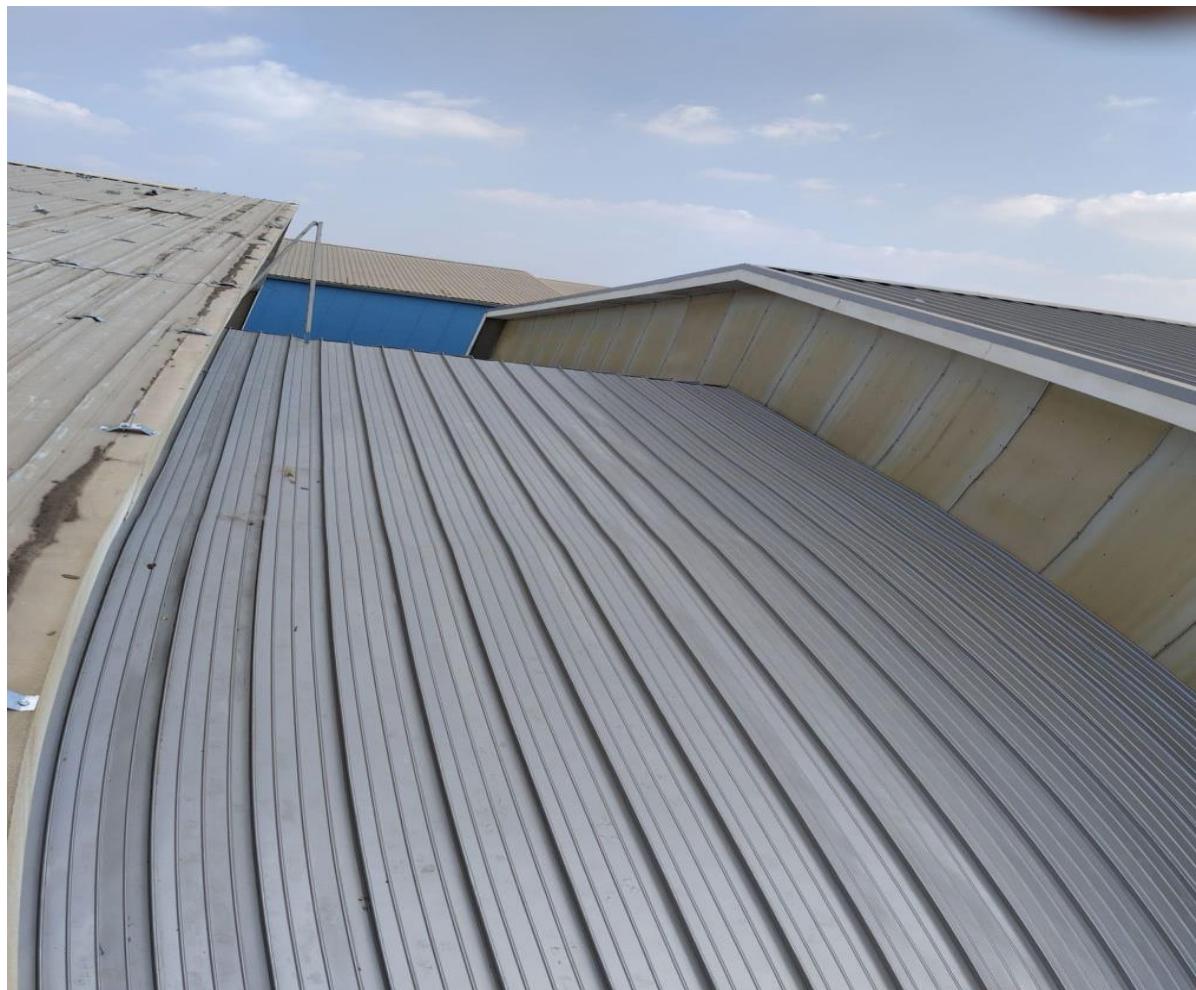


**Location:** Samsung (Tablet factory) – Bein Saif

**Project:** Standing seam

**Scope of work:** Fabrication and install 4000 m2

## Mabany Edris warehouse:



**Location:** Mabany Edris– Abu Rawash

**Project:** Aluminum Standing seam

**Scope of work:** Fabrication and install 5000 m2

## Borg Al Arab international Airport:



**Location:** Borg Al Arab international Airport – Alexandria

**Project:** Aluminum Standing seam

**Scope of work:** Fabrication and install 3800 m2

## Samsung Warehouse:



**Location:** Samsung (Warehouse) – Bein Saif

**Project:** Standing seam

**Scope of work:** Fabrication and install 3750 m<sup>2</sup>

## Otsuka Factory:





**Location:** Otsuka Factory – 10<sup>th</sup> of Ramadan

**Project:** Standing seam

**Scope of work:** Fabrication and install 10,000 m<sup>2</sup>

**Contact us:**

**Factory location:** plot 3, 80 acres industrial zone, Belbeis city, Egypt.

**Address:** Bldg. 20, 1<sup>st</sup> Neighborhood El Fostat city, Cairo, Egypt.

**Tel:** (01001561743- 01000259490)

**Mail:** [info@multispan-eg.com](mailto:info@multispan-eg.com)

[multispancompany@gmail.com](mailto:multispancompany@gmail.com)

**Web:** <http://multispan-eg.com>