



JUNNARIT

STANDING SEAM SYSTEM



Innovative solutions for coverings and ceilings

»» Contact us



www.ahm-pc.com



01122334488



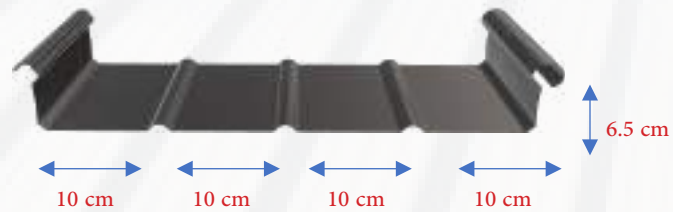
m.d@ahm-pc.com



✓ About Standing Seam System

✓ Standing seam system is defined as a concealed locking metal panel system that features vertical legs and a wide, flat space between the legs. the main idea of permanent weld systems is that the lock is hidden.

✓ Our company has experience in the manufacture and installation of stationary welding line of any type and all necessary equipment. This type of roofing features the ability to make curved panels to suit your project, whether it is a fixed pitched roof, a complex geometry roof, or a recessed roof.



✓ System Colours Variety

✓ Our company provides painted panels which works well in harsh environments And harsh weather conditions and high resistance to ultraviolet rays provides extremely high resistance to scratching Optimum color temperature stability .

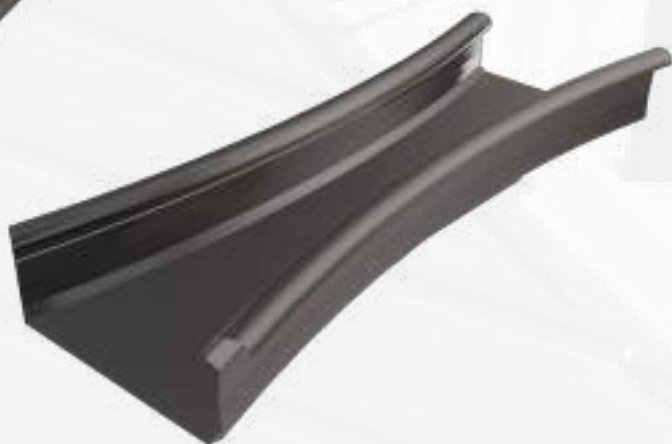
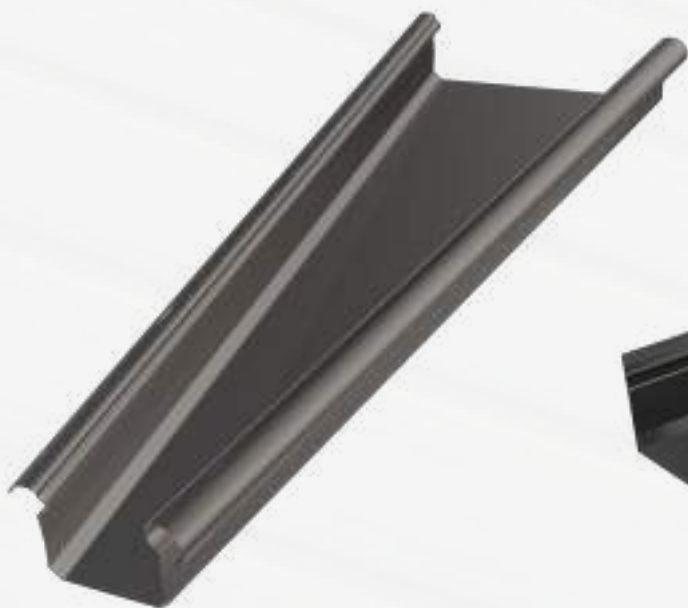


Our company produces to our customers different shapes of panels, including :-

Curved panel



▼ Tapered panels

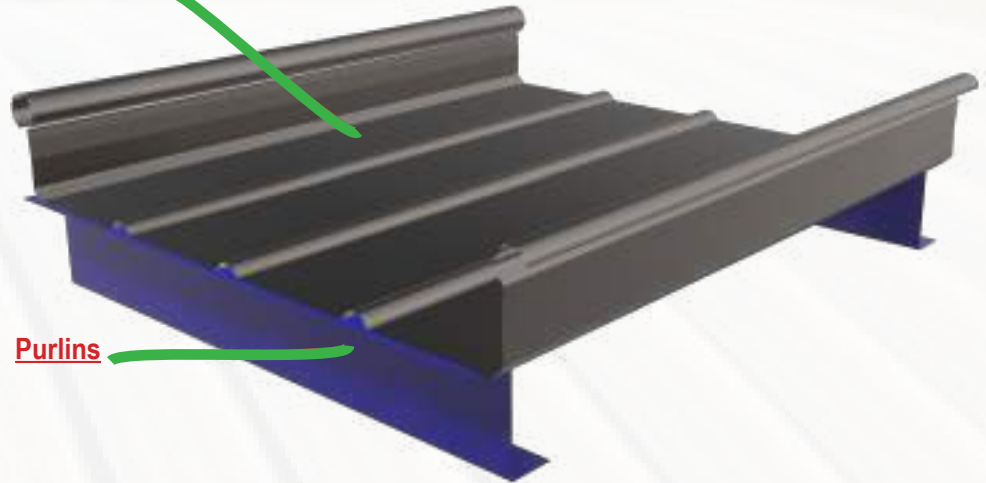


Types of roofing systems

1- Single-panel roofing

Standing seam panel

Purlins



Roofing sheets are made from one panel, and this type is the most used. This type of roofing depends on fixing the board directly to the metal structure and fixing it using a hook. And it is considered the ideal solution for major roofing projects as an alternative to different types of roofing, which may reach lengths of only 12 meters, and this may cause weaknesses in total coverage.

2- Insulated roofing panels

7- Standing seam panel

6- Haltar

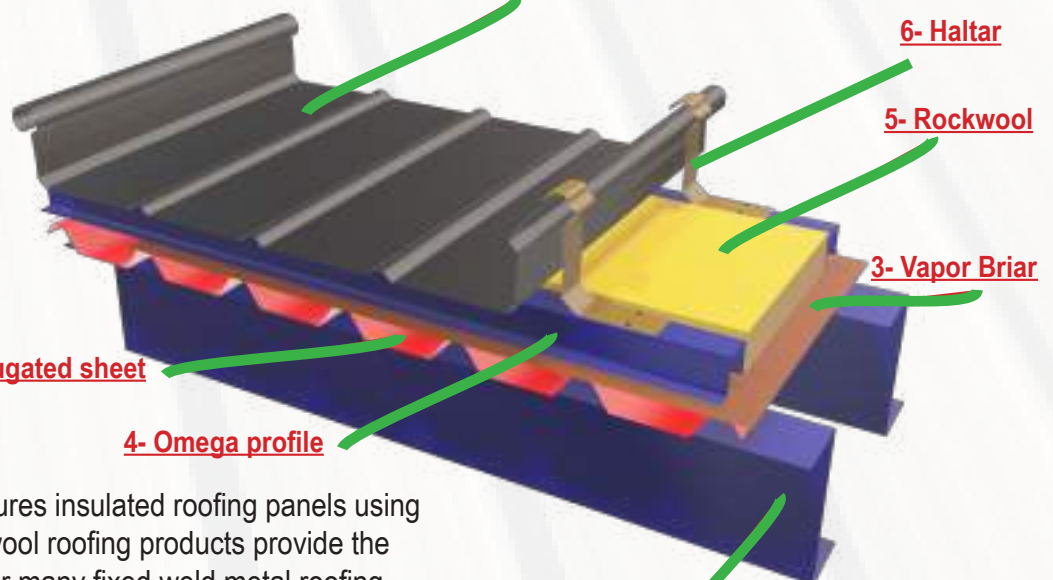
5- Rockwool

3- Vapor Briar

2- Corrugated sheet

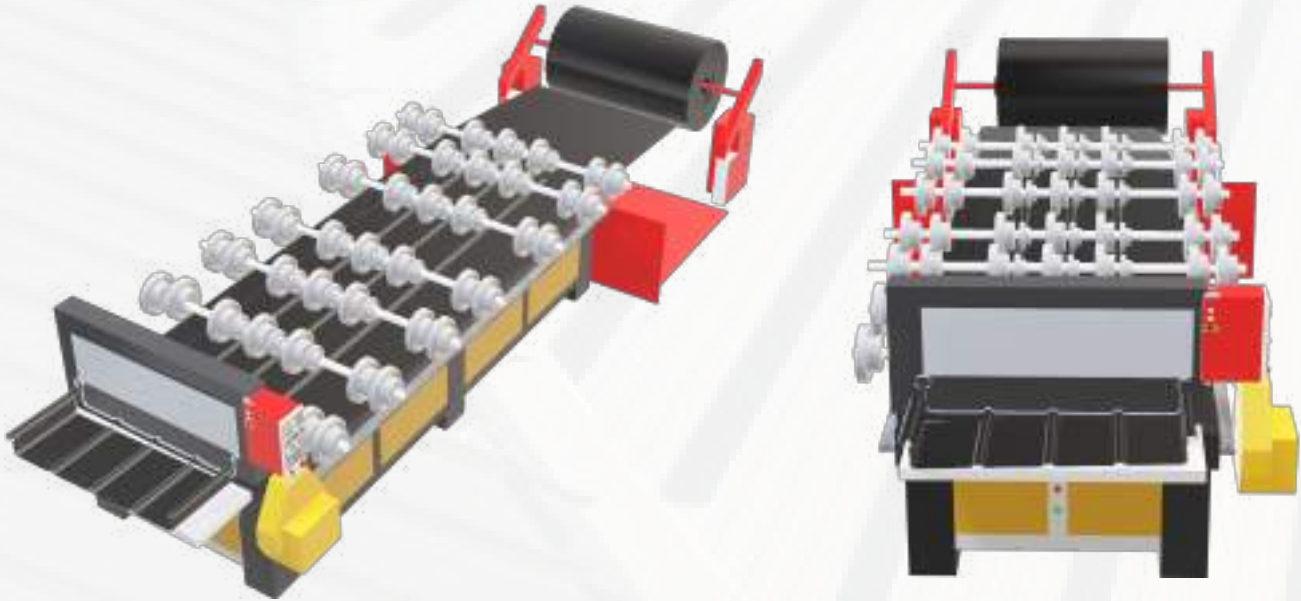
4- Omega profile

1- Purlins



Our company manufactures insulated roofing panels using rockwool panels. Rockwool roofing products provide the performance required for many fixed weld metal roofing installations. The high-density, non-directional fibers of ROCKWOOL roof panels can reduce the impact of rain and noise, which can be a major concern for many metal roofing systems.

Machine details



Standing seam machine produces metal roof panels with self-closing, hidden or concealed fastening system, made of **Aluminum or Galvanized Sheet**.

Panels can be produced from this machine up to 250 m in length per panel.

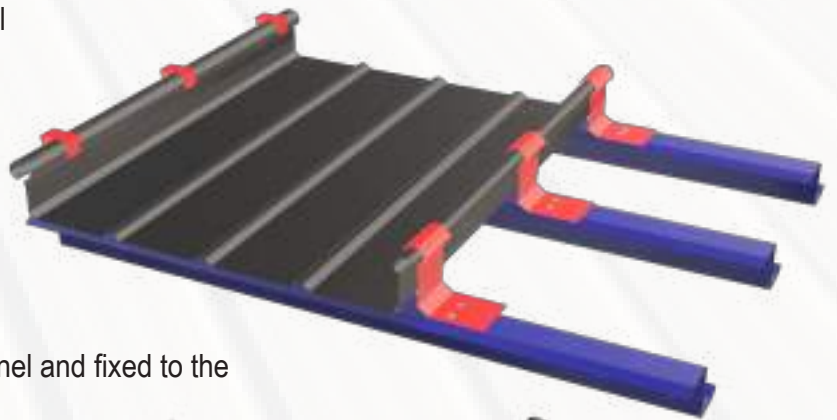
The coils are inserted, whether aluminum or sheet of the required thickness, then twists are made through the gears of the machine, and finally the sheet comes to the end of the machine to be cut through the designated performance.

Installation

- the purlin is installed on the metal structure, with a distance between the pieces ranging from 1 m to 1.25 m



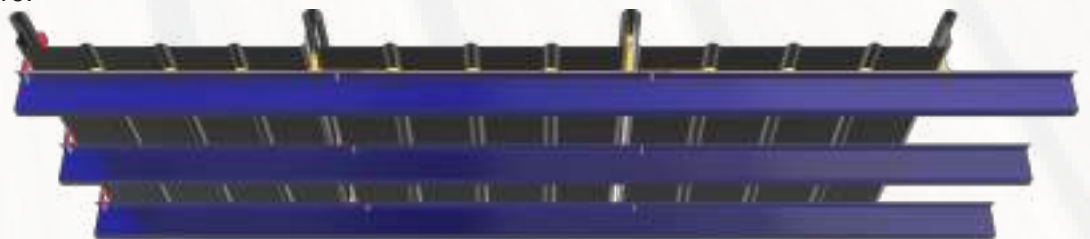
- The first Panel is installed below the metal profile.



- The hook is installed on one end of the panel and fixed to the purlins



- The other end of the plate is attached to the top of the hook to ensure complete closure.

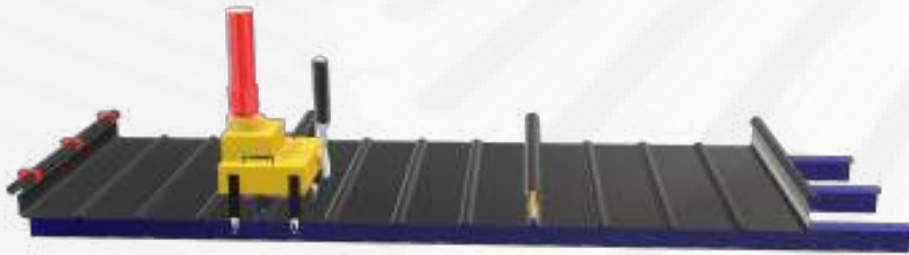


- At this stage A piece of foam is placed between the slots of the board to ensure that no objects enter the board And also to ensure that rainwater does not back inside the panels.



Standing Seam Seamer Machine

Seamer machine is used to install standing-seam panels. The machine is portable to be handled by an operator on top of a roof.



The seamer machine is passed between the sides of the panel to close the panels without need for screws.



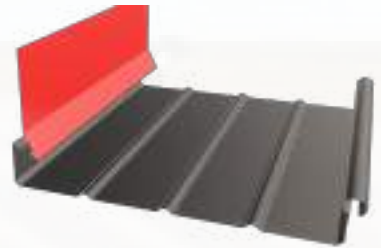
Before



After

Installation on the wall

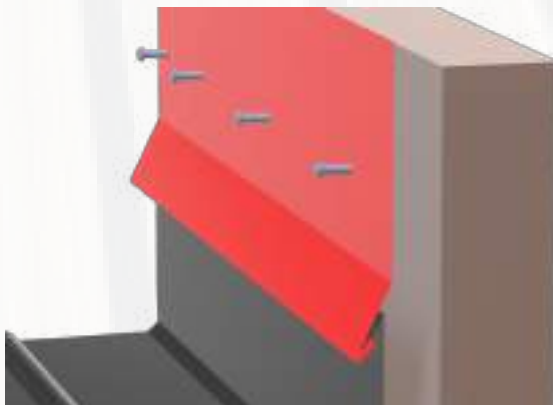
- On the side attached to the wall, the last end of the board is scraped, and a treatment is made for it by twisting one of its ends to match the metal profile fixed on the wall.



Installation on the wall

wall

Galvanized trim

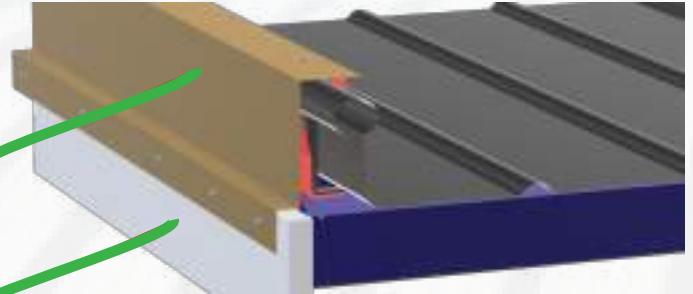


- This will be the final look of the part that is fixed to the wall

Installation on building facades

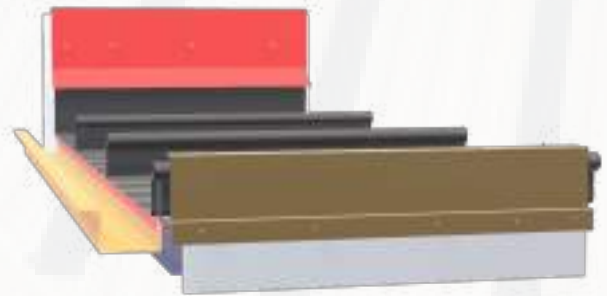
1- Metal profile

2 -Building facade



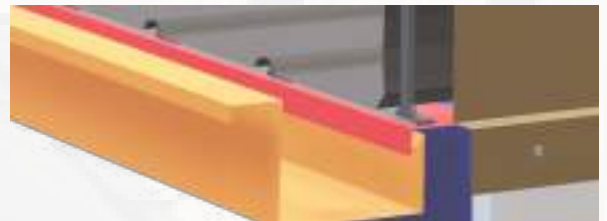
On the opposite side of the building The metal profile for the facades is installed above the metal profile that is fixed to the ends of the purlins.

Rain Gutter installation

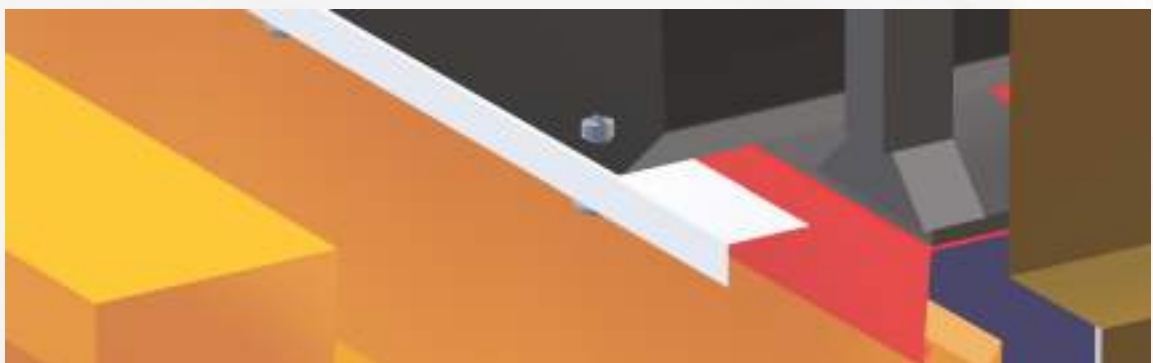


1- standing seam panel

2- rain gutter

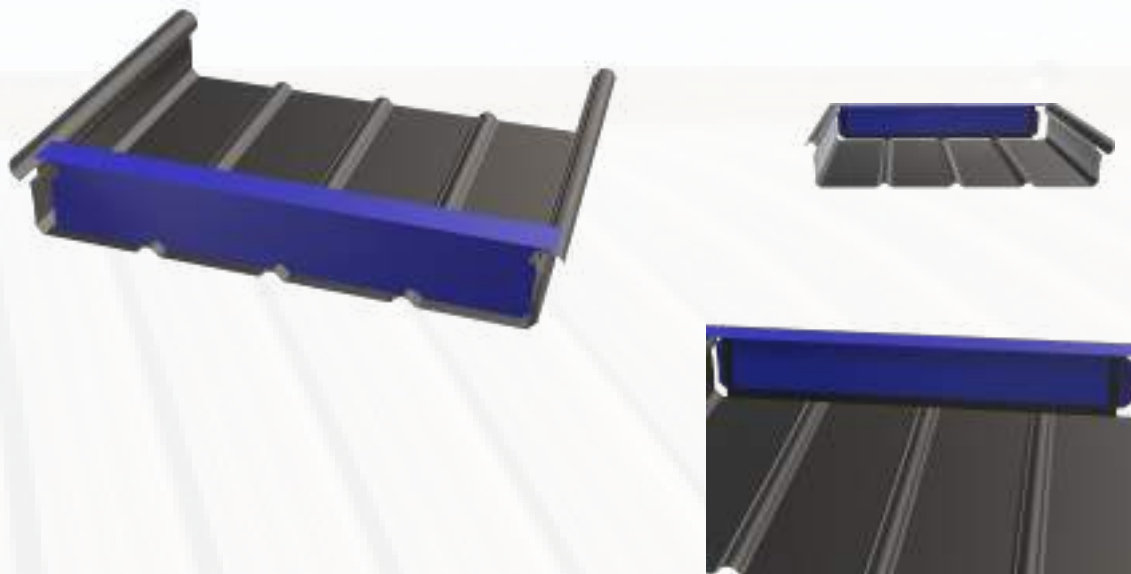


Two-piece rain runners are installed at the end of the slanted board



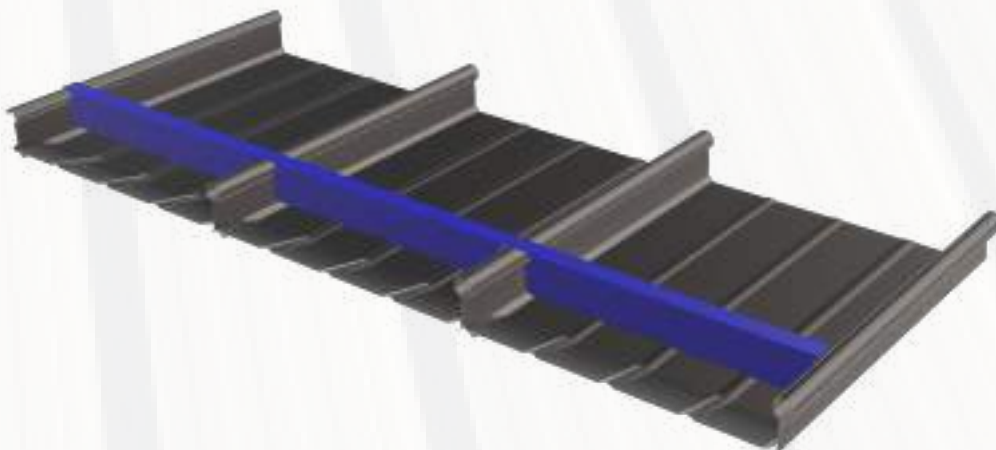
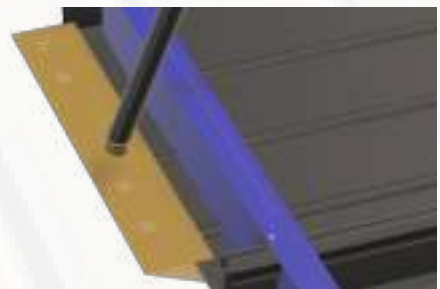
The metal piece is installed on the edges of the board

Top radge Install



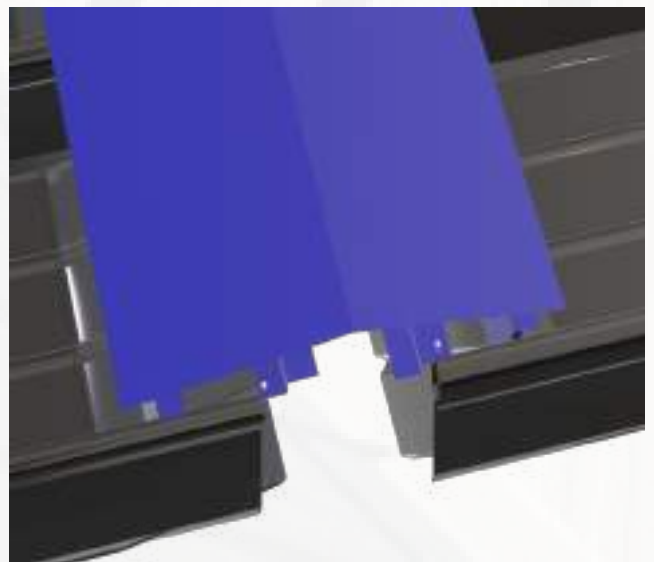
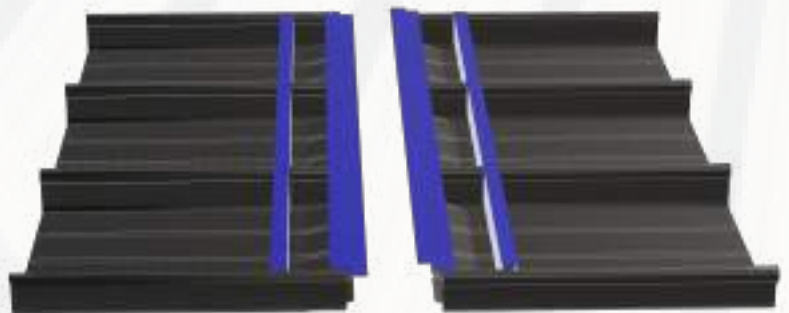
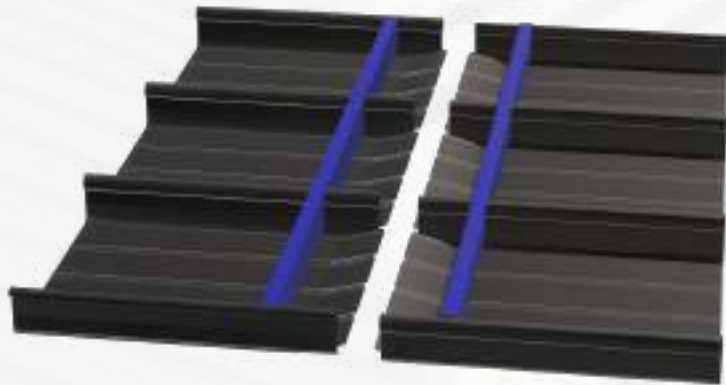
▶ Foam-filled accessories are installed on the edges of all panels

▶ A bending tool is inserted at the edges of the board to ensure the correct flow of rainwater



▶ The final shape of the tip of the board looks like this.

Top radge Install



Accessories



Elevation trim



Ridge cap



Ridge trim



Foam closer



Start halltar



Haltar



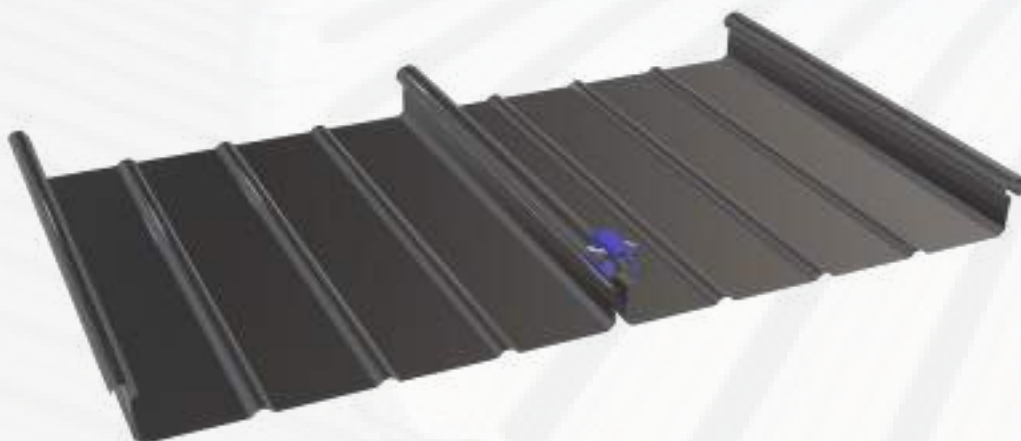
Rain trim



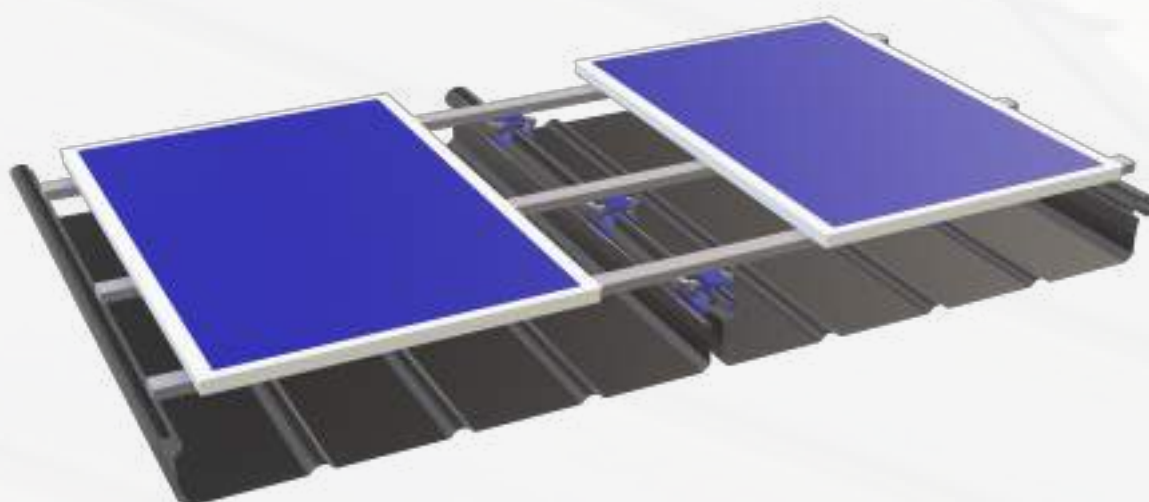
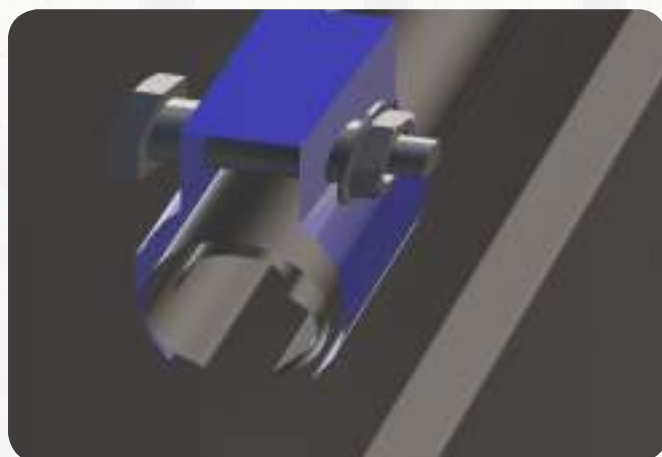
Rain gutter



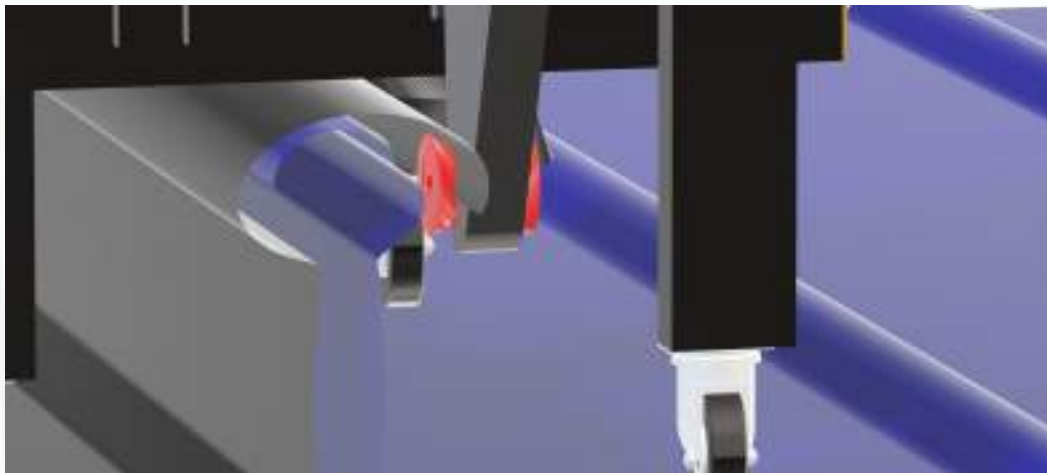
Clamps Solutions for subframe



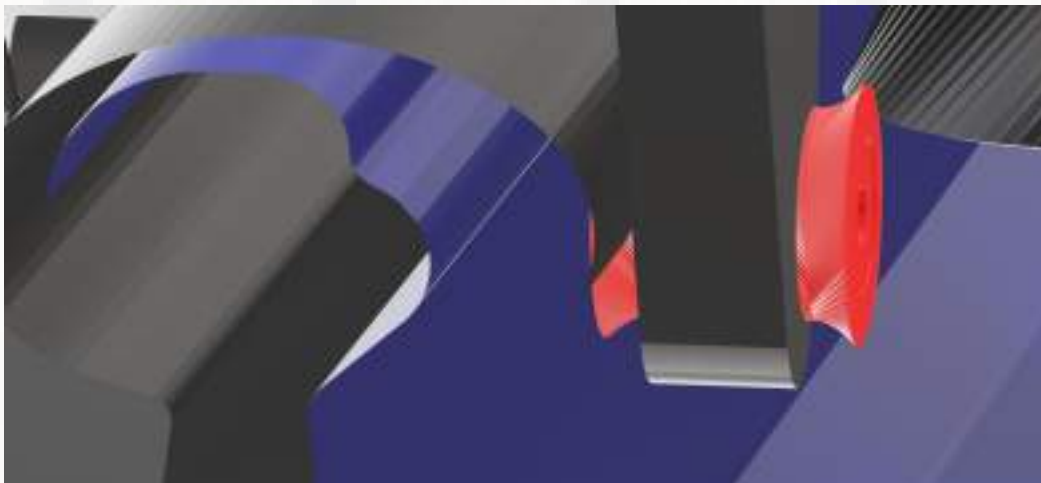
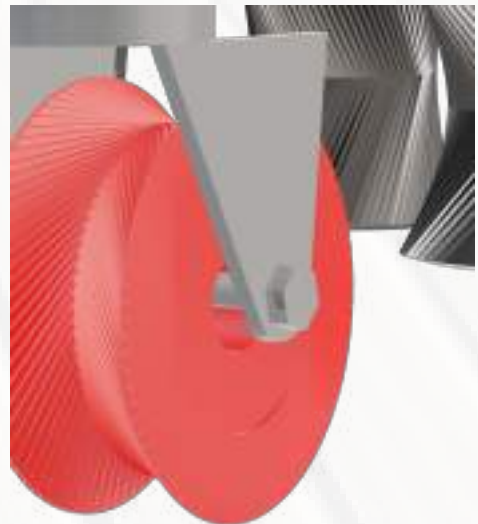
One of the advantages of covering with stand-alone panels is that it provides the customer with the possibility of installing solar energy panels.



Unzipping option



■ In the event that the customer needs to decompress the panels, a metal piece is installed at the end of the seamer machine.





Al-Fustat Gardens Project - Roman Theater

Owner: Ministry of Housing

General Contractor: Konskara Company

area covering : 4200 m²

Project under construction ...











District 5 Marakez

Owner: Markaz Company

area covering : 3500 m²









Burak restaurant

Owner : Triumph Luxury Hotel

General contractor : Jabeel Contractor

General Consultant : Omran - Engineering Consultancy

area covering : 3000 m²





Your Ref. Date: 2/11 / 2021

Applicant: شركة أيه اتش أم للأسقف والكلاينج والعوازل والاسبيس فريم سيستم
A.H.M. Group Company (roofing, cladding, insulation, skylights, and space frame systems)

Lab. Ref. No.: MTL/ 3202 - 2 / 2021

Specimens: Steel Roof Panel assembled by applicant

Date : 23 / 11/ 2021

نظام جوائزيت الألومنيوم والتي يسمك 1 سم مع تثبيتها بهالتر جوائزيت الألومنيوم يسمك 1,0 مم حيث تم تثبيت النظام على مدادات حديدية على مسافات 1,2 م

RESULTS OF LOADING TEST

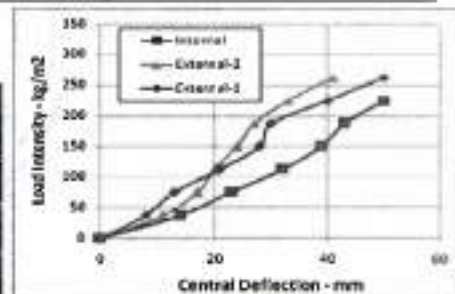
No.	System	Description	End conditions	Ultimate Load Intensity	REMARKS
1	JUNNARIT Standing Seam System: 1 mm Aluminum sheets fitted in steel purlins using 1 mm aluminum halters	Wind suction Simulation Test on inverted panel (3.540 *1.130 m)	Fixed external short edges (screwed) Halted central short purlins Free long edges	262kg/m ²	Failure occurred by pullout of central part of sheets from halter.



Specimen



Loading of Specimen



Load-Deflection Relationship

Head of Materials Testing Lab
(Dr. Hatem Hassan Ibrahim)



CERTIFICATE

Certificate of Registration

TEAM QUALITY MANAGEMENT SYSTEMS

This is to Certify that the Quality Management System of

A.H.M Roofing, Cladding, Insulation and Space Frame System

Site#1: 1st floor, 155 El maryoteia st, El Andalus building, El haram, Giza - Egypt

Site#2: CPC-Egypt, Block (148) Developers Land-Northern Extension

Area-6th of October city, Giza - Egypt

Has been found to be of the Quality Management System Standard

ISO 14001:2015

(Environmental Management System)

This certificate is valid for the following product or service range

Materials for Roofing, Cladding, Insulation, Skylight, Standing seam system & Spaceframe system Steel structure Fabrication Engineering and Contracting -Metal doors (fire rated) UPVC sheets - PVC sandwich panel - polycarbonate sheets and system, Aluminum windows, doors and facades.

Certificate No. : TQE23011201

Date of initial registration	12-01-2023
Date of this certificate/Issue No.	12-01-2023
Certificate Expiry	11-01-2024
Recertification Due	11-01-2026



*After successful completion of Annual Surveillance Audit, New certificate will be issued.

This Certificate is valid per Rules and Regulations of TQ & also the surveillance audits conducted atleast once a year
To check the certification validity please visit our website- www.tq.com.eg or contact at- info@tq.com.eg



Yasser Alshorby
Director

TEAM QUALITY MANAGEMENT SYSTEMS

Abass Aleqad St Al Yousra Building- Office No 9- Badet City, Egypt

Ph: +20 48 2677 103 Mobile: +20 100 388626 -+20 1000547672 - +20 1099337474

website: www.tq.com.eg E-mail: info@tq.com.eg

Accreditation by EGAC Komish El-Maadi, Riad El-Maadi Tower 1 - Cairo - Egypt



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Tamer Alkordy
Director

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ISO 45001:2018

(Occupational Health and Safety Management Systems)

This certificate is valid for the following product or service range

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Kamal Akhry
Director

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