

# GAL Extrusion<sup>®</sup>

Presenting a range of precise **'Aluminium Extruded'** products manufactured to meet your requirements.

[www.galaluminium.in](http://www.galaluminium.in)

## SOLAR & WIND ENERGY

Solar energy is radiant light and heat from the Sun that is harnessed using a range of ever-evolving technologies such as solar heating, photovoltaics, solar thermal energy, solar architecture, molten salt power plants and artificial photosynthesis. It is an important source of renewable energy and its technologies are broadly characterized as either passive solar or active solar depending on how they capture and distribute solar energy or convert it into solar power. Active solar techniques include the use of photovoltaic systems, concentrated solar power and solar water heating to harness the energy. Passive solar techniques include orienting a building to the Sun, selecting materials with favorable thermal mass or light-dispersing properties, and designing spaces that naturally circulate air.



Wind power is the use of air flow through wind turbines to provide the mechanical power to turn electric generators and traditionally to do other work, like milling or pumping. Wind power, as an alternative to burning fossil fuels, is plentiful, renewable, widely distributed, clean, produces no greenhouse gas emissions during operation, consumes no water, and uses little land. The net effects on environment are far less problematic than those of fossil fuels.

## ABOUT US

GAL Aluminium Extrusion Pvt. Ltd., the flagship venture of 'GAL GROUP' has been pioneering the Aluminium Extrusion industry since 1992. It is one of the finest aluminium extrusion manufacturers in India. The GAL Group was founded by Late Shri. Paras Motilalji Lodha & Late Shri. Rajendra Motilalji Lodha. Next generation Mr. Paresh P Lodha, Mr. Pritesh P Lodha & Mr. Jitendra P Lodha are taking ahead the legacy of Gal group as strong pillars of our organization. Our sales and distribution network is spread throughout India. In order to cater your requirements, we are equipped with latest machinery & instrumentation of international standard.

## LOCATION

Ahmednagar is being located at a geographically advantageous place (besides having a Railhead the city is also having 2 major airports like Mumbai & Pune within 4 Hrs & 2 Hrs surface run). The 'hot & dry' weather of Ahmednagar offers excellent scope for processing the secondary aluminium reforming activities.

To become a globally preferred manufacturer of integrated solutions in Aluminium Extrusion Industry.

## VISION

We focus on total customer satisfaction in Aluminium Extrusion Profiles through our innovative engineering & customized solutions. We endeavour to deliver precise output despite of technical challenges. We are committed to perform with technical excellence, quality, as well as on-time delivery and services.

## VALUES

- **LOYALTY** to customers, employees, suppliers and community.
- **COMMITMENT** to excellence of products and services.
- **EFFICIENCY** by applying highest excellence in using best resources.
- **INNOVATION** by creating revolutionary products and service.
- **MOTIVATION** to perpetually improve service and products

## **INFRASTRUCTURE**

We are equipped with four production lines of Hydraulic Extrusion Press Systems. The capacity of the production lines being 1800MT, 950 MT & 750 MT & 650 MT respectively. The production lines are controlled by Micro-processor-based technology and programmable logic controllers (PLC's). We have state of the art Furnaces re-equipped with fuel efficient regulative burners in order to maintain perfect billet-making.

## **PRODUCT RANGE**

### **Hollow Type Section**

Round shape: Up to 120 mm.

Rectangular shape: Up to 150 mm x 75 mm.

### **Solid Type Section**

Round shape: Up to 100 mm.

Rectangular Shape: 200 mm X 12 mm.

### **Available Cut Length**

Section or Profiles : 1 Meter to 6 Meters.

Fabrication or Assembling items : 20 mm & above.

## **PRECISION**

All Aluminium Profiles & Sections are manufactured with standard dimension precision tolerances as per IS 733: 1990 complying to customer requirements (IS, EN or ASTM). Although the dimensions have been indicated in 'mm' in the catalogue, the full dimensions and tolerances should be confirmed in order to ensure the correct section is ordered. For timely execution of orders and supplies of right material, it is desirable that complete details regarding specifications and application (end use) of materials ordered are indicated.

GAL has the distinction of being the Aluminium Extrusion company to have got awarded with 'ISO 9001:2015', 'ISO 14001:2015' & 'OHSAS 18001:2007' certifications from internationally renowned 'UNITED REGISTRATION OF SYSTEMS'.

# INFRASTRUCTURE



**Casting**



**Homogenized**



**Tool Room**



**Extrusion Press**



**Conveyor System**



**Annealing Facility**



**Fabrication**



**Quality System**

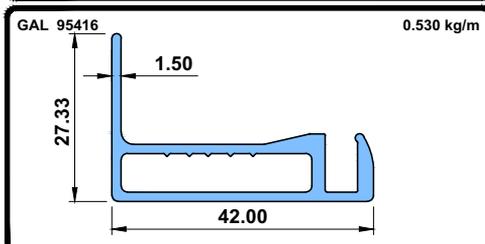
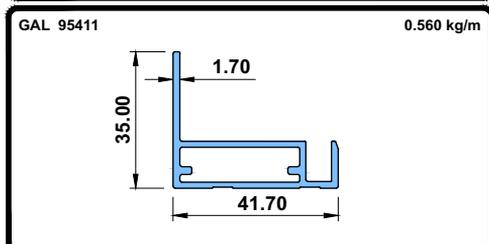
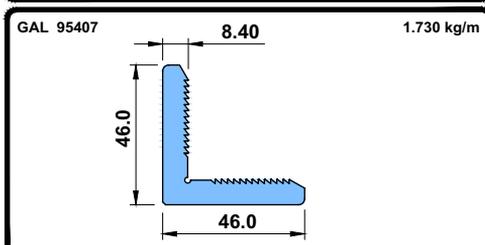
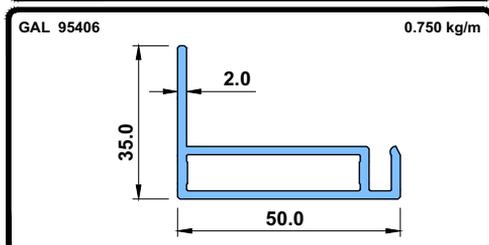
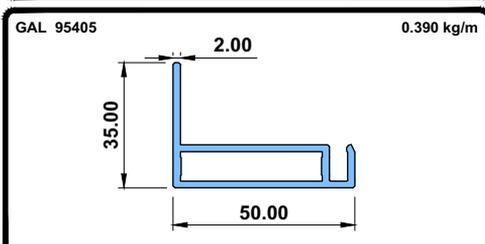
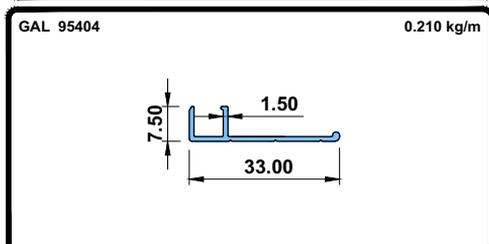
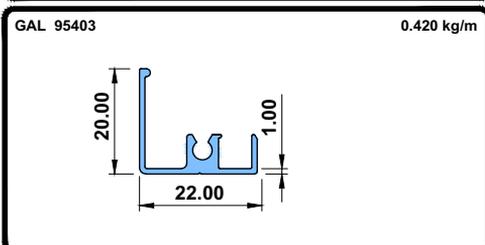
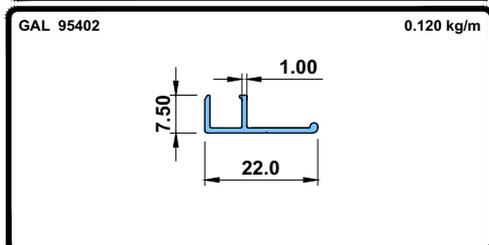
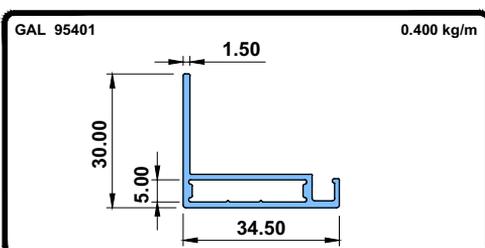
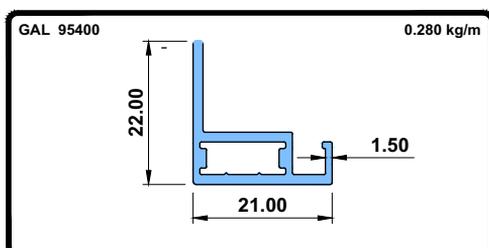


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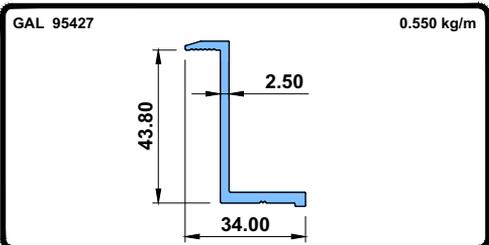
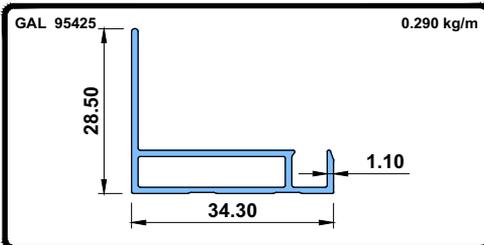
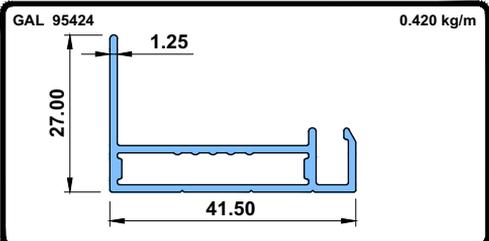
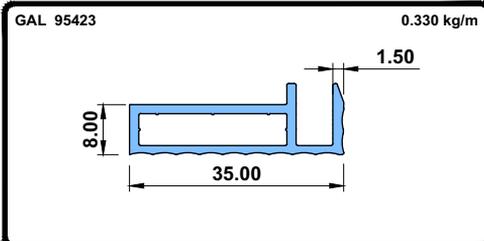
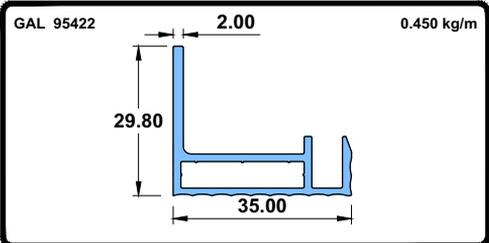
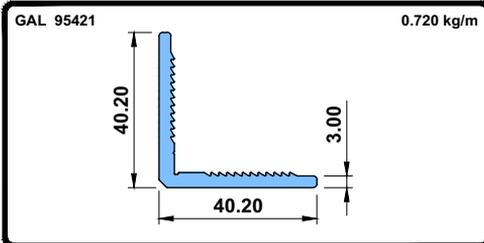
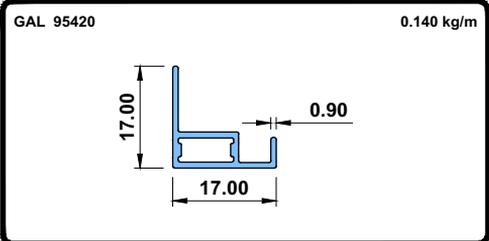
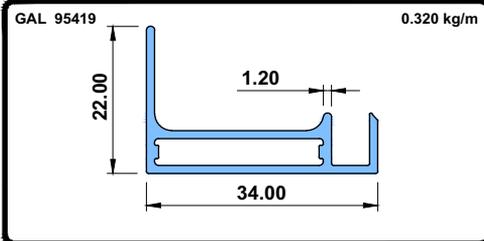
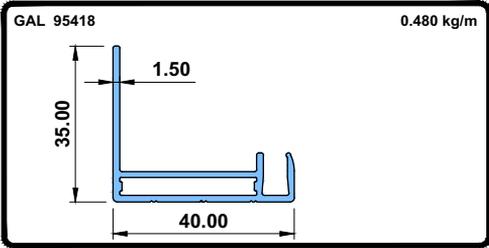
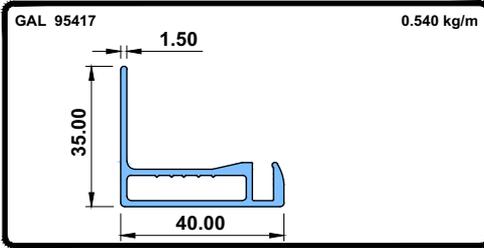


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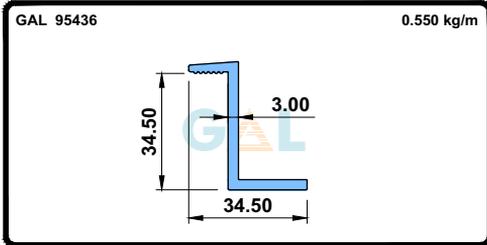
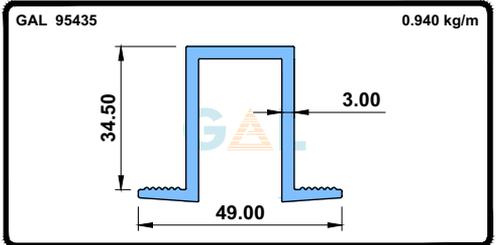
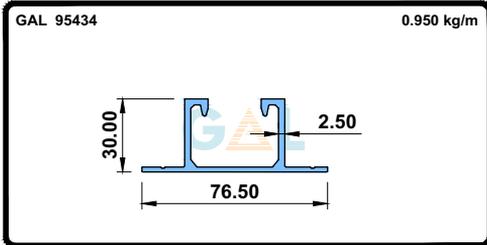
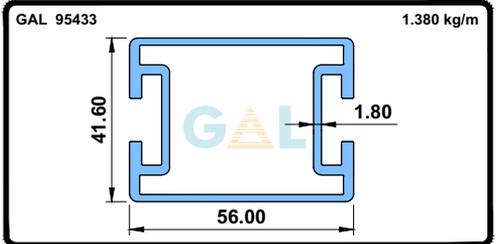
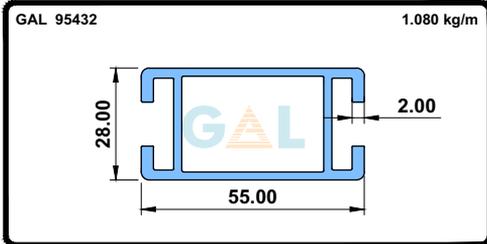
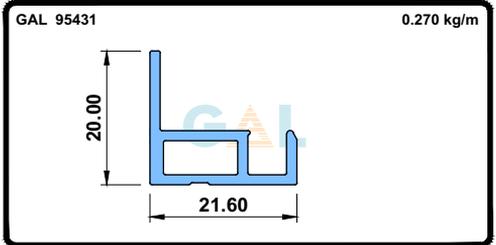
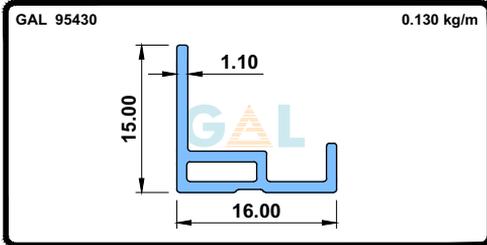
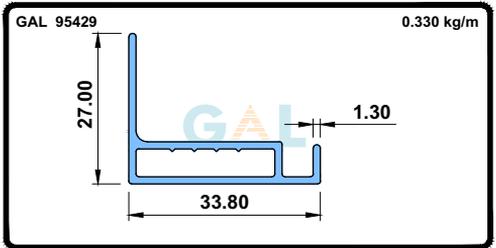
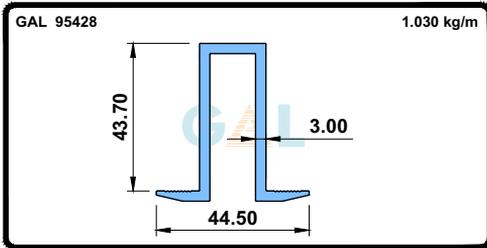
## PHOTO VOLTAIC FRAME PROFILES



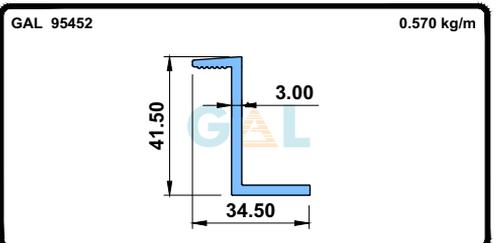
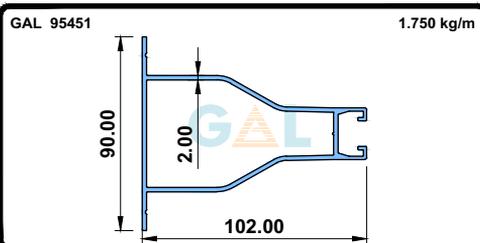
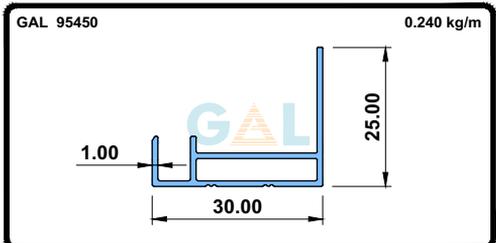
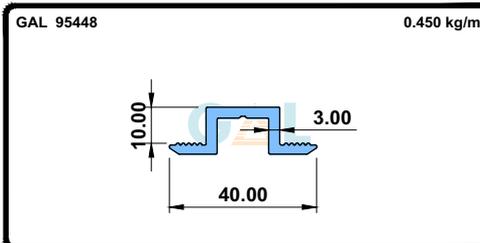
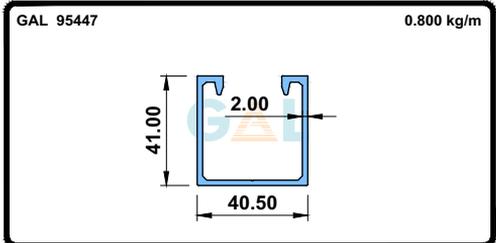
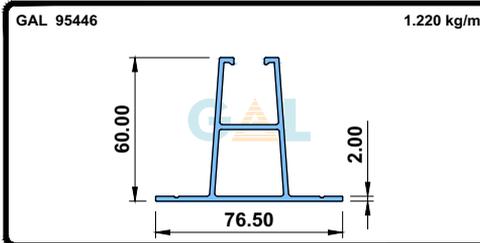
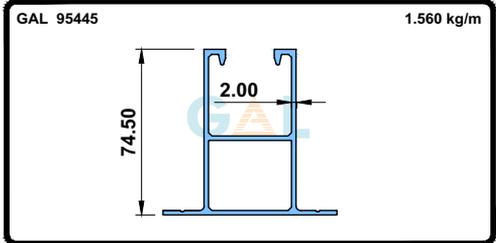
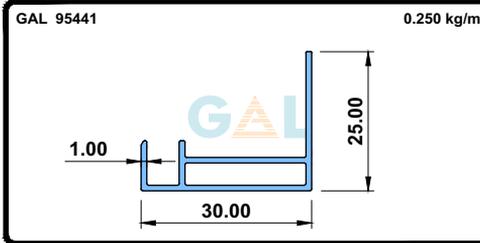
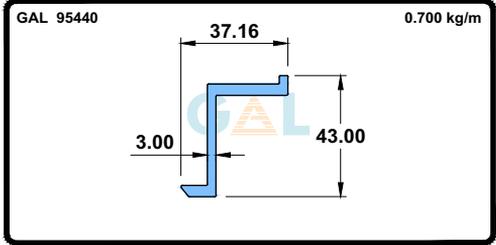
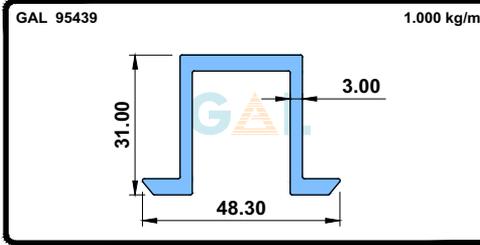
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## PHOTO VOLTAIC MOUNTING PROFILES



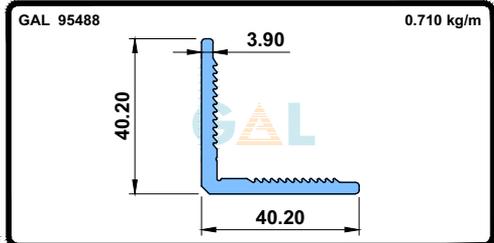
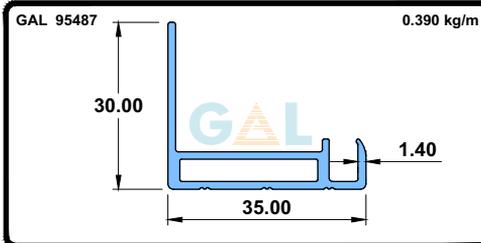
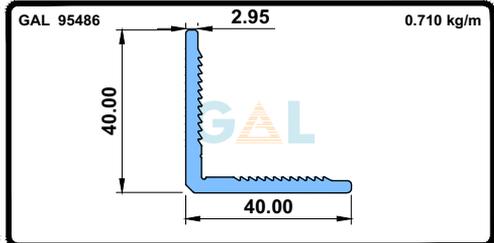
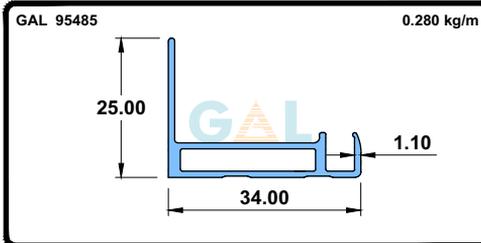
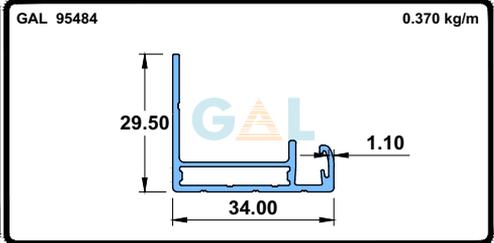
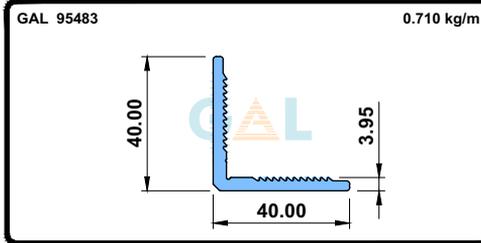
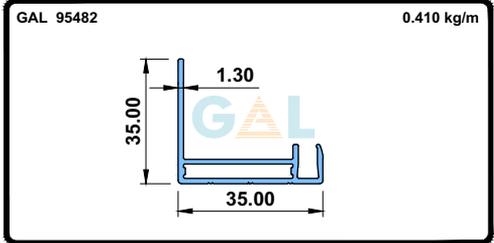
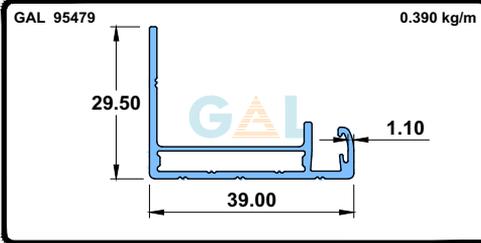
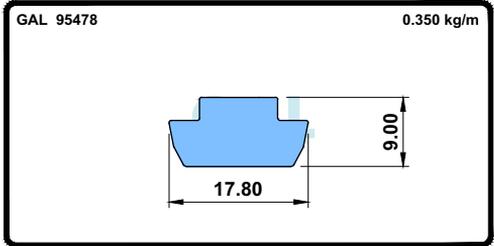
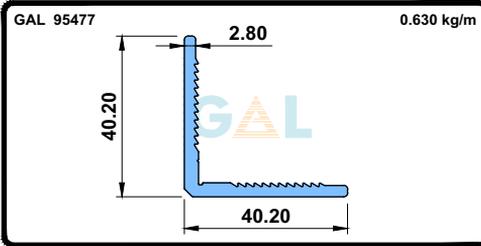
## PHOTO VOLTAIC RAIL PROFILES



▪ Nut teeth grip the channel's in-turned edges, tying the channel sides together in a 'box' configuration for added strength.

Spring allows precision placement anywhere along the channel length, then holds the nut in position while the connection is completed.

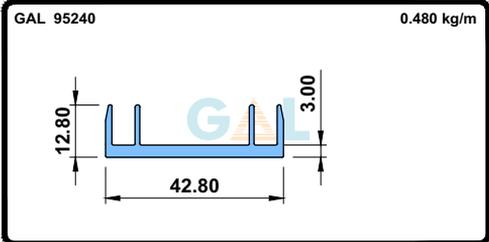
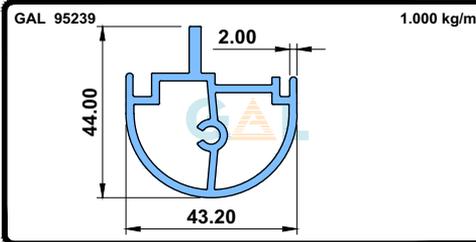
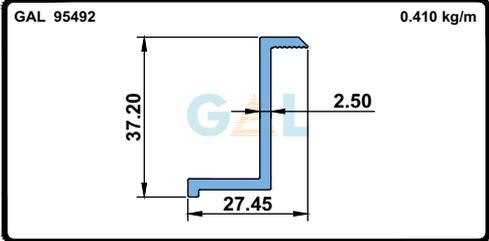
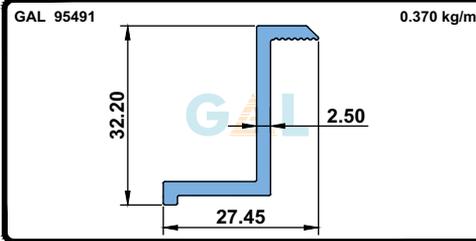
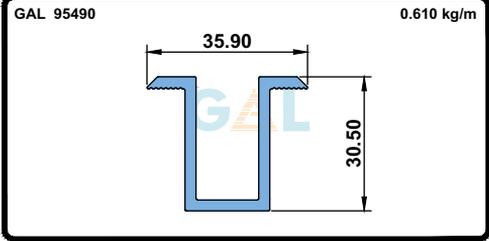
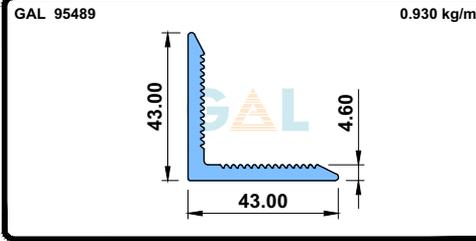
## PHOTO VOLTAIC RAIL PROFILES



■ Nut teeth grip the channel's in-turned edges, tying the channel sides together in a 'box' configuration for added strength.

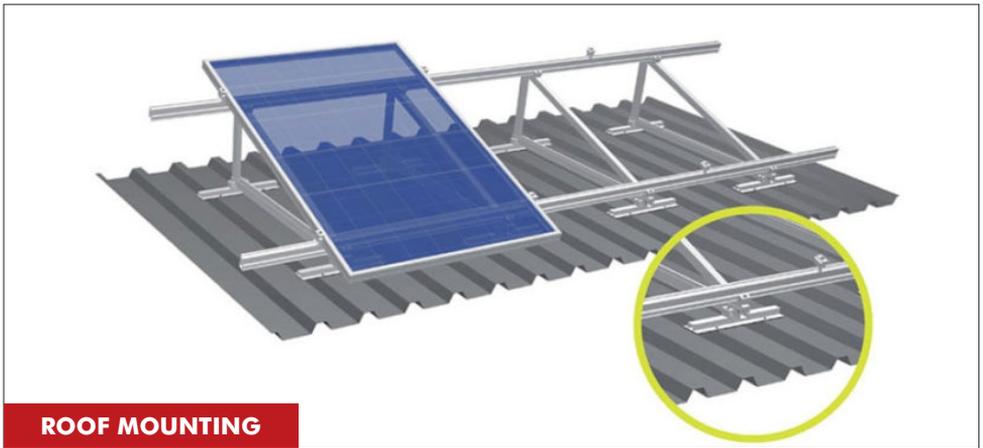
Spring allows precision placement anywhere along the channel length, then holds the nut in position while the connection is completed.

## PHOTO VOLTAIC RAIL PROFILES





**ROOF MOUNTING**



**ROOF MOUNTING**



**GROUND MOUNTING**

## INDUSTRIES WE SERVE



**GEOMETRICAL SHAPE**



**SOLAR**



**LED**



**HEAT SINK**



**SCAFFOLDING**



**ALU FORMWORK**



**AC GRILL**



**T-SLOT**



**MODULAR FURNITURE**



**MODULAR KITCHEN**



**FACADE**



**DOORS & WINDOWS**



**TRANSPORT**



**LUGS**



**AHU**



**GREEN HOUSE**



**DISPLAY**



**DRAPERY**

# GAL Extrusion<sup>®</sup>

## **GAL ALUMINIUM EXTRUSION PVT. LTD.**

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