



**Electrical Installation from
Concept to Completion...**



ISO 9001:2008 Certified Company

PRIMEX ENTERPRISES

Manufacturers of Cable Trays Systems & Earthing Material...

A close-up photograph of two business people shaking hands over a document labeled 'CONTRACT'. Other hands and documents are visible in the background, suggesting a formal business agreement.

if you can believe
you can **achieve**



>> AN INSIGHT

PRIMEX ENTERPRISE a quality manufacturing company, deals in Cable Trays System, Earthing Material. The Prop. of PRIMEX ENTERPRISE Mr. Ankit Bahl is expertise this industries since 2005. He worked as a proactive director in Premier Steel & Galvanizers Private Limited, a quality efficient manufacturing company, evolved in December 2011.

After successfully working of PSGPL Mr. Ankit Bahl started PRIMEX ENTERPRISES in 2021 located in Swarn Park, Rohtak road, Mundka, New Delhi. PRIMEX ENTERPRISES providing its service in the field of Cable Trays System & Earthing Material. PRIMEX ENTERPRISES is now leading towards Global quality, increased Productivity and higher value addition to our continuously increasing "Satisfied Client's List.

If you can think of it... We have it...

FOUNDERS THE TRUE VISIONARY

The Prudent vision and experience of Mr. Ankit Bahl Gave a qualitative shape to "PRIMEX ENTERPRISES".

PRIMEX ENTERPRISES as a result leading in today's developing business scenario.

"Quality is never an accident,
but an achievement of intelligent efforts"



>> MISSION

Maintaining highest ethical standards in conducting business and client relationships. For us business growth and client's trust always go hand, for mutual benefits...

>> VISION

To become an organisation that creates and nurtures a culture to support Learning, Flexibility and being proactive to changes with the developing trends.

An Insight into the
Future
is what we think our
Culture





>> OUR STRENGTHS

- Never to compromise with the Quality of Raw Materials, as we understand that high product quality is necessary to achieve customer satisfaction. So, we purchase raw materials only at Reputed Manufacturers such as Sail, Jindal Steel, Bhushan Steel, Essar Steel, TATA etc.
- Even after purchasing quality raw materials, We perform rigorous performance testing before using them in our Cable Tray Systems and other allied products.
- Final products are also tested using advanced technology Testing Equipments to ensure the desired Quality of products.
- In Galvanizing process, we use the highest quality of ZINC SHG(99.995% Zinc) purchased from Hindustan Zinc Ltd. to make PRIMEX, a mark of quality.
- We use highly efficient production lines and provide regular training to our employees to enhance their skills which in turn improves production efficiency and reduces labour cost. This enables us to offer competitive pricing to our customers,
- A round the clock power back-up and Company owned Transportation also enables a value addition to our production capacity & competitive pricing.

We are developing
a system of honesty,
integration &
people development.

Performance Testing



We value the
opportunity & responsibility
to make a meaningful
Association





yours
of doing things
"RIGHT"

>> INFRASTRUCTURE

PRIMEX ENTERPRISES, owns a spacious area of about 8000 sq feet covered area manufacturing facilities in Delhi with modern infrastructure and higher production capacity to produce world class Cable Trays & Earthing materials. The Yearly production capacity of the units is more than 3600 MT per annum, for cable tray & accessories, around 1500 mt per annum for earthing material which has been widely acknowledged in the market. The development of entire production facility is an ongoing process for us to keep pace with the market demand and to further reduce the production cost. The products are manufactured according to the customer requirements and specifications of our clients.

>> CAPACITY

PRIMEX is having a monthly capacity to manufacture approx. 300 Ton/ Month of Ladder Cable Tray Perforated Cable Tray, their accessories and cable tray support system. Over & above , the group is fully equipped to supply Earth in strip (all sizes), Earthing Plates and Earthing Electrodes.

>> AREA OF OPERATION

Group is having an experience to supply of Cable Tray System to various type of process Industries i.e. Sugar, Steel, Chemical, Pharma, Power Plants, Paper, Fertilizer, Refineries and lots of other Contractors & Builders.

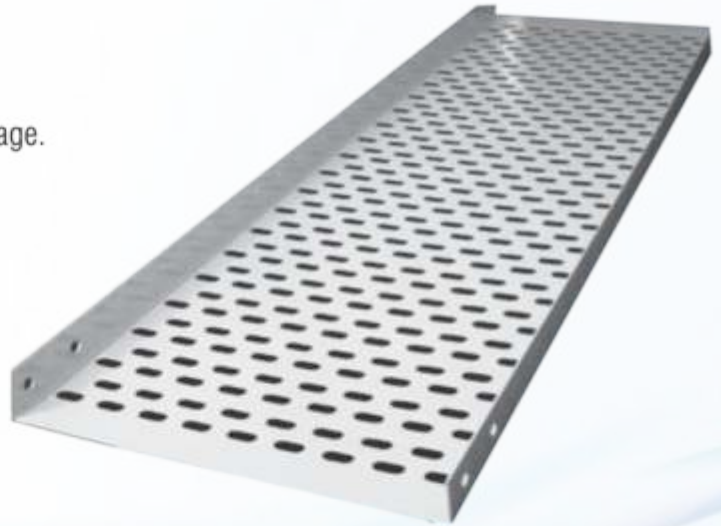


>> PERFORATED TYPE CABLE TRAY

PRIMEX Perforated Type Cable Tray shall be designed as per customer requirement.

>> FEATURES

- Moderate Ventilation with added cable support advantage.
- Thickness available from 1.2 mm to 3.0 mm.
- Standard depth 25 mm to 150 mm.
- Standard lengths 2.5/3.0 mtr.



>> FINISH

Hot Dip Galvanised

Pregalvanised

Powder Coated

Stainless Steel

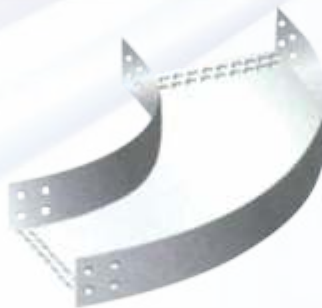
Aluminium

>> ACCESSORIES

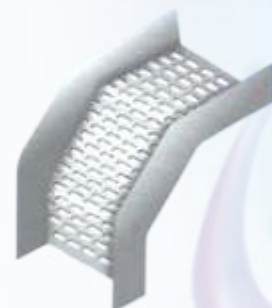
TEE



HORIZONTAL BEND



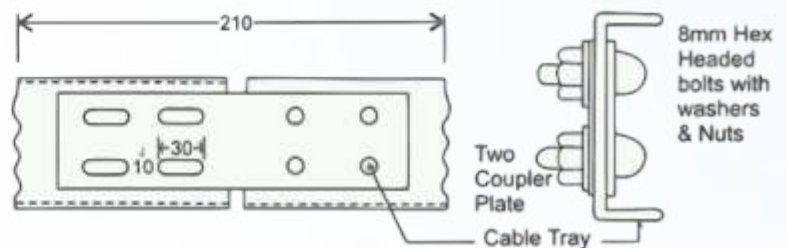
VERTICAL INWARD BEND



VERTICAL OUTWARD BEND



COUPLER PLATE



>> LADDER TYPE CABLE TRAY

PRIMEX Ladder Type Cable Tray shall be designed as per customer requirement.

>> FEATURES

- Moderate Ventilation with added cable support advantage.
- Thickness available from 1.6 mm to 3.0 mm.
- Standard depth 50 mm to 150 mm.
- Standard lengths 2.5/3.0 mtr.



>> FINISH

Hot Dip Galvanised

Pregalvanised

Powder Coated

Stainless Steel

Aluminium

>> ACCESSORIES

TEE



HORIZONTAL BEND



VERTICAL OUTWARD BEND



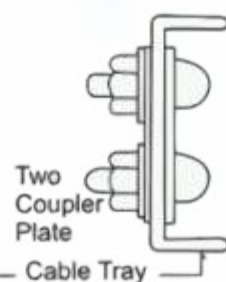
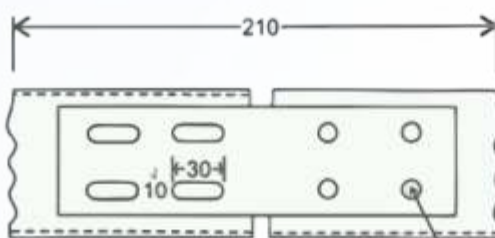
VERTICAL INWARD BEND



REDUCER



COUPLER PLATE



8mm Hex
Headed
bolts with
washers
& Nuts

>> RACEWAYS & CABLE TRAY COVER

PRIMEX Raceways & Cable Tray Cover shall be designed as per customer requirement.



>> FEATURES

- Thickness available from 1.2 mm to 3.0 mm.
- Standard lengths 2.5/3.0 mtr.
- Length available from 2500 mm to 3000 mm.
- Thickness available from 1.6 mm to 3.0 mm.

>> FINISH

Hot Dip Galvanised

Pregalvanised

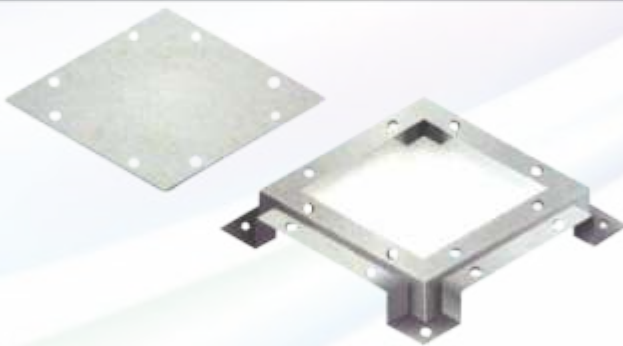
Powder Coated

Stainless Steel

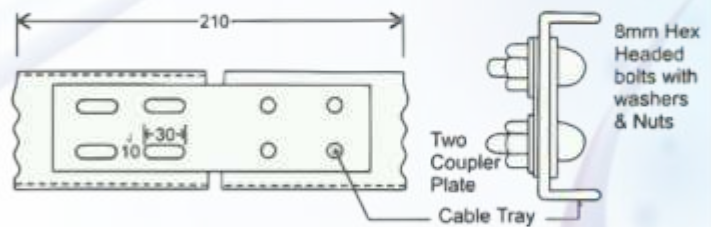
Aluminium

>> ACCESSORIES

JUNCTION BOX



COUPLER PLATE



>> TYPES OF COVER



TRAY COVER



SLOPE TYPE COVER

>> FINISH

Mild Steel

Pregalvanised

Powder Coated

Hot Dip Galvanised

>> INSTRUMENTATION DUCT

PRIMEX Ladder Type Cable Tray shall be designed as per customer requirement.

>> FEATURES

- MS angle used for duct are 75x75x6 mm & 50x50x6 mm or as per requirement.
- Duct fabricated out of standard size of angle, flat rod & sheet.
- Flat size 40W x 6mm thick & 50 W x 10 mm thick
- Standard lengths 2.5 mtr.

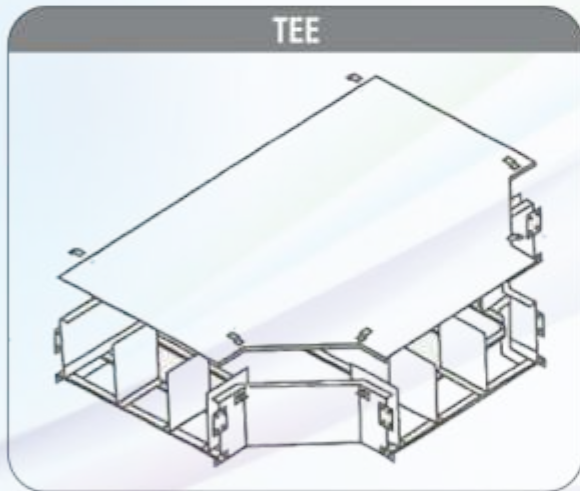


>> FINISH

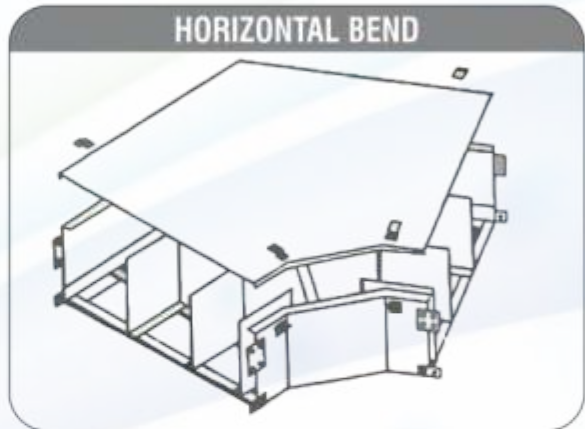
Hot Dip Galvanised

>> ACCESSORIES

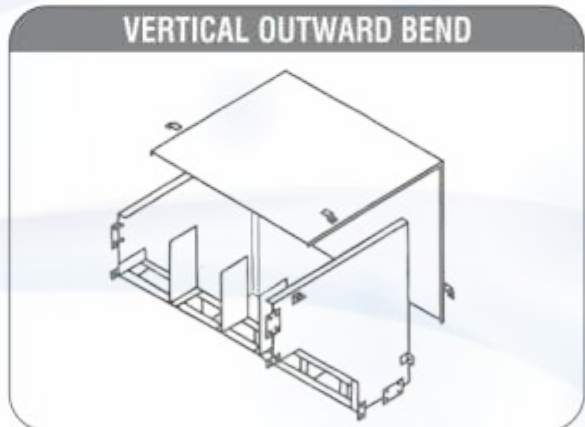
TEE



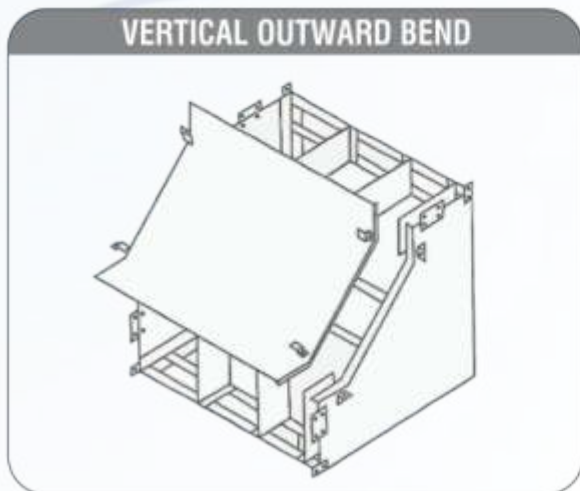
HORIZONTAL BEND



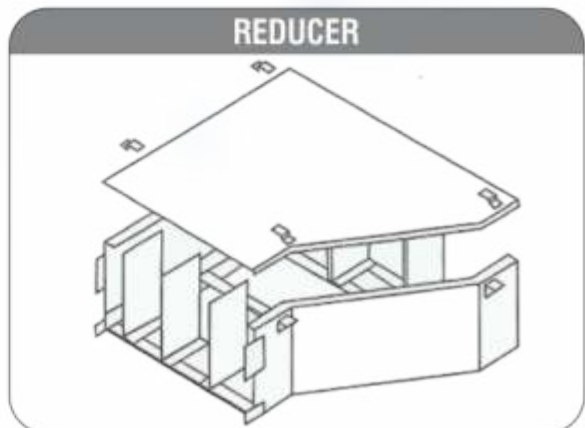
VERTICAL OUTWARD BEND



VERTICAL OUTWARD BEND



REDUCER



>> CABLE TRAY SUPPORT SYSTEM

PRIMEX Perforated Type Cable Tray system shall be designed as per customer requirement.

CANTILEVER ARMS



C CHANNEL



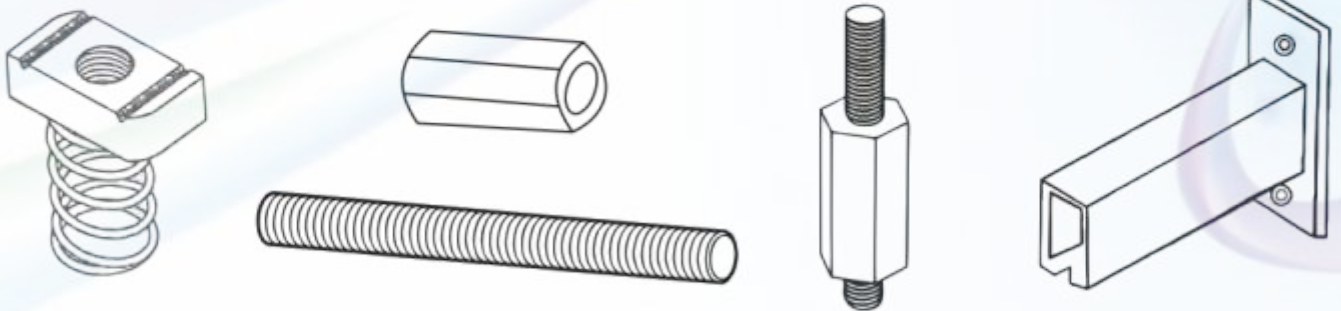
C1 CHANNEL



C2 CHANNEL



THREADED ROD & OTHER ACCESSORIES



>> SLOTTED ANGLE

>> SIZE

- Sizes (width) available 30 mm to 80 mm.
- Thickness available from 1.6 mm to 3 mm.

>> FINISH

Mild Steel

Powder Coated

Painted

Hot Dip Galvanised



>> GALVANISED EARTHING STRIP

>> SIZE

- Width available from 25 mm to 100 mm.
- Thickness available from 3 mm to 12 mm.

>> FINISH

Mild Steel

Hot Dip Galvanised

As per IS 4759



>> EARTHING RODS

Grounding is the process of electrically connecting any metallic object to the earth by the way of an earth electrode system.

The National Electric Code requires that the grounding electrodes be tested to ensure that they are under 25-ohms resistance-to-ground (Earth). It is important to know that aluminum electrode are not allowed for use in grounding.



>> PIPE ELECTRODES

We are engaged in offering a quality approved array of Galvanized Iron Pipe Electrode.

The Galvanized Iron Electrode we offer is widely demanded amongst the client for its availability on various sizes and specifications.

Moreover, one can get these products at reasonable rates.



>> LIGHTNING ARRESTER

A lightning arrester is a device, essentially an air gap between an electric wire and ground, used on electric power transmission and telecommunication systems to protect the insulation and conductors of the system from the damaging effects of lightning.

The typical lightning arrester has a high-voltage terminal and a ground terminal. When a lightning surge (or switching surge, which is very similar) travels along the power line to the arrester, the current from the surge is diverted through the arrester, in most cases to earth.



>> TEST LINK BOX

We are manufacturing Finest Test Link Box, which are used in earthing.

The offered pipe is manufactured under the supervision of our skilled professional using the finest quality raw material and cutting edge technology in sync with set industry standards.



>> MANUFACTURING / LIST OF MACHINERY

FABRICATION SHOP

S. No.	Machine	Capacity	Qty	Operation
1.	Shearing Machine 3 mtr upto 4 mm	300 mtr	1	Shearing
2.	Shearing Machine 1.5 mtr upto 3 mm	150 mtr	1	Shearing
3.	Straightening Machine	upto 5 mm	1	Straightening Light Sector
4.	Hydraulic Press Pillar Type	200 mtr	2	Punching
5.	Hydraulic Press Pillar Type	100 mtr	2	Punching
6.	Mechanical Power Press 'C' Type	30 mtr	4	Hole Punching
7.	Mechanical Power Press 'C' Type	20 mtr	8	Hole Punching
8.	Break Press 3 mtr upto 6 mm	200 mtr	1	Bending
9.	Pedestal Drill	-----	1	Hole Drilling
10.	Portable Drill	25 mm	1	Hole Drilling
11.	Surface Grinder	600 mm	1	Tooling
12.	Double Disc Bench Grinder	-----	1	Tooling
13.	Portable Grinders	-----	7	Edge Grinding
14.	Shielded Arc Welding Transformers	-----	6	Arc Welding
15.	Mig Welding	400 amp	4	Mig Welding
16.	Gas Welding / Cutting Sets	-----	2	Welding / Cutting
17.	Lathe Machine	4 feet	1	Tooling
18.	Die & Tools Tackles	-----	Lot	Tooling

FABRICATION INSTRUCTIONS

Operation	Instructions
Raw Material	All incoming raw material is reviewed for supporting manufacturer's test certificate.
Cropping	First Piece of every member is checked by supervisor and subsequently every 50th piece is checked by supervisor. Reject material, if any to be rectified / converted into smaller pieces for scrapped.
Punching	First piece of every member to be checked by supervisor to ensure accuracy of edge security and hole to hole distance.
Edge Security & hole to hole distance	First piece of every member to be checked by supervisor to ensure accuracy of edge security and hole to hole distance.
Grinding	Punched material to be checked and grinding to be done for surface finish, if require.
Bending	Cold Bending

>> LABORATORY / EQUIPMENTS

QUALITY TESTS

>> GALVANIZED MATERIAL

PRECEE TEST

ADHESION TEST

MICRO TEST

KNIFE TEST

WEIGHT TEST

>> LIST OF TESTING EQUIPMENTS

1.	Micro-test, Magnetic device for measuring thickness of coating from 0-1000 microns.
2.	Pivoted hammer
3.	Knife
4.	Measuring Tape
5.	Micro-Meter
6.	Vernier Calipers

>> SYSTEM OF CALIBRATIONS OF MEASURING INSTRUMENTS

S. No.	Instruments	Frequency	Agency
1.	Vernier	Yearly	NABL APPROVED LAB
2.	Electronic Balance	Half Yearly	NABL APPROVED LAB
3.	Micro Tester (Elcometer)	Yearly	NABL APPROVED LAB
4.	Micrometer	Yearly	NABL APPROVED LAB

>> PROCESS DIAGRAM

CABLE TRAY SYSTEM & ACCESSORIES



**the completely..
reliable and conscientious.**



**"QUALITY IS NEVER AN ACCIDENT
BUT AN ACHIEVEMENT OF
INTELLIGENT EFFORTS"**

PRIMEX ENTERPRISES

ISO 9001: 2008 Certified Company

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