



SMC PRODUCTS | FRP PRODUCTS | SMC COMPOUND

SMC METER BOX



We offer IP Enclosures in SMC material and sizes to enclose and protect Energy Meters. INDO Enclosures are customized as per the customers requirements like Push Fit Type Locking System, Sensor System, with Louvers etc. All our Enclosures are tamper proof/theft proof and are fire Resistant, UV Resistant and Self Extinguishing, which is an essential requirement with electrical utilities. DT Meter Boxes are available with the option of Modem Mounting Arrangements, TTB,CT's etc. as per the customers requirements. The Applicable Standards are IS:13410 for SMC Materials, IS:14772 for Enclosures and other tests as per customers requirements. Various Sizes are listed, however other dimensions may also be made as per the customer's requirements.

RANGE OF SPECIFICATIONS

Code No.	Inside Dimensions [(mm) HxWxD]	
INDO-MB-2522	250X220X135	9.84X8.6X5.31
INDO-MB-2822	285x225x120	11.22X8.85X4.72
INDO-MB-3525	350X250X150	13.77X9.84X5.90
INDO-MB-3727	370x270x210	15.45X11.25X8.75
INDO-MB-3923	390x225x140	16.25X9.37X5.83
INDO-MB-4030	400X300X190	15.74X11.81X7.48
INDO-MB-4537	450x375x200	17.71X14.76X8.66
INDO-MB-5728	570X280X230	22.44X11.02X9.0
INDO-MB-8135	810X350X230	31.88X13.77X9.0
INDO-MB-7048	700x480x210	27.55x18.89x8.26
INDO-MB-10070	1000x700x230	41.66X29.16X9.58

- Single Phase Meter Box
- Three Phase Meter Box
- Three Phase HT AMR Meter Box
- Three Phase Meter Box For Whole Current Meter Box
- Agriculture Meter Box
- SMC Multi-Meter Box

Features

- Shockproof and rustproof
- Rot-proof and termite resistant
- Cable entry from bottom and/or sides
- 100% weatherproof
- Pole mounting arrangement
- Tamper proof
- Pilferage proof
- Restricts unauthorized tapping
- Maintenance-free
- Fire retardant – Class FV-0 as per IS:11731 Part-II or V-0 as per UL-94
- High heat distortion temperature (200°C as per IS:10192)

SMC JUNCTION BOX



INDO SMC JunctionBox is made from sheet molding compound which ensures excellent dielectric properties. INDO SMC has an array of electrical security equipment, which comprises of junction boxes, meter boxes, SMC distribution boxes and boards. These cost effective and weather resistant tools ensure maximum security.

RANGE OF SPECIFICATIONS

Side hinged-door fixed to base with hinges

Code No.	Inside Dimensions [(mm & Inch) HxWxD]	
INDO-JB-1414	140X140X95	5.5 X 5.5X3.74
INDO-JB-2014	200X140X95	7.87X5.5X3.74
INDO-JB-2522	250X220X135	9.84X8.6X5.31
INDO-JB-2822	285X225X120	11.22X8.85X4.72
INDO-JB-3020	300X200X105	11.81X7.87X4.13
INDO-JB-3525	350X250X150	13.77X9.84X5.90
INDO-JB-3727	370x270x210	15.45X11.25X8.75
INDO-JB-3923	390x225x140	16.25X9.37X5.83
INDO-JB-4030	400X300X190	15.74X11.81X7.48
INDO-JB-4537	450x375x200	17.71X14.76X8.66
INDO-JB-5728	570x280x230	22.44X11.02X9.0
INDO-JB-7048	700x480x210	27.55X18.89X8.26
INDO-JB-8135	810x350x230	31.88X13.77X9.0
INDO-JB-10070	1000x700x230	41.66X29.16X9.58

Applications

Junction box/Cutout box/fuse box for single phase/2 core low wattage FIL/CFL base lighting system for pedestrian/patway illumination.

Pole mounted junction Box/cutout Box/fuse box for road/street light for 3 phase/ 4 core high core wattage HPSV/HPMV/MH based lighting system for industrial Applications.

Types of Junction Box

- SMC Junction Boxes
- Cable Junction Boxes
- Wiring Junction Boxes
- Electric Junction Boxes
- Weather proof junction boxes
- Flame retardant junction boxes
- SMC Electrical Junction Boxes

Features

- High heat distortion Temperature (200°C as per IS: 10192)
- Restricts unauthorised Tapping
- Cable entry from bottom
- Rot-proof and termite resistant
- Fire retardant- Class FV-0 as per IS: 11731 Part-II or V-0 as per UL-94
- Shockproof and rustproof
- 100% waterproof
- Temper proof
- Pilferage proof
- Maintenance-Free
- Pole mounting arrangement

INDO offer the largest variety of service connection boxes with variations like single/three phase incoming and outgoing, All the DB's are protected with various level of INGRESS protection.

We provide many varieties the bus bars arrangements to choose from bare, insulated and spring loaded bus bars or the same may be provided with switch gears like MCB's or MCCB's of ratings as required by the customers. The Applicable Standards are IS:13410 for SMC Materials, IS:14772 for Enclosures, IS:8623 for temperature rise and HV Test and other tests as per our customers requirements.

SMC DISTRIBUTION BOX



- Specially folded construction prevents access to water, insects, and dust
- Specially folded cover allows hinges to be fitted such that it can't be opened once fitted (provision for concealed hinges for total security)
- Moulded plastic extension pieces for fixing on the walls
- Moulded-in louvers for ventilation
- Holes on sides for dissipation of heat
- Moulded-in projections for fixing MCB, switches etc.

RANGE OF SPECIFICATIONS

Code No.	Inside Dimensions [(mm) HxWxD]		Applications
INDO-DB-2522	250X220X135	9.84X8.6X5.31	<ul style="list-style-type: none"> ■ Electrical and hydraulic instruments, Cut-outs, Controller and switchgear. ■ SMC Service Mains DB having spring loaded constant pressure, Multi-connection busbar in SMC / Nylon Casing. ■ SMC Service Mains DB having Busbar with screw Bolt through Fly Nut. ■ SMC Service Main DB With Clip on Type Terminal blocks ■ Single & Three Phase L.T Distribution box ■ L.T Distribution box for 25/63/100/250/400 KVA DT.
INDO-DB-2822	285x225x120	11.22X8.85X4.72	
INDO-DB-3041	300x418x120	11.81X16.45X4.72	
INDO-DB-3525	350X250X150	13.77X9.84X5.90	
INDO-DB-3922	390x225x140	15.35X8.85X5.51	
INDO-DB-4030	400X300X190	15.74X11.81X7.48	
INDO-DB-4537	450x375x200	17.71X14.76X8.66	
INDO-DB-5728	570X280X230	22.44X11.02X9.0	
	700x480x210	27.55X18.89X8.26	
	810X350X230	31.88X13.77X9.0	

SMC SHEET



RANGE & SPECIFICATION	
Size (m)	1x1
Standard Thicknesses (mm)	1.5, 2.5, 4, 6, 9, 12, 15
Material of Construction	Sheet Moulding Compound (SMC)
Custom Thicknesses on Large Requirements (mm)	From 1.5 to 15
Standard Colour	Off-white
Custom against Large Requirements	Other colours can be offered

- Excellent dielectric properties such as volume resistivity, surface resistivity, arc resistance and comparative tracking index
- Can withstand continuous temperatures up to 140°C
- Anti-corrosive and resistant to most acids, alkalis and chemicals
- Non-hygroscopic and retains its dielectric properties even in high humidity
- Weatherproof, Self-coloured, Maintenance-free

SMC Chequered Plates



RANGE & SPECIFICATION	
Rating of Equipment	Recommended (mm)
3.3 kv	2.5
6.6 kv	2.5
11.0 kv	2.5
22.0 kv	2.5
33.0 kv	5.0
66.0 kv	5.0
BHT Switch Yard	10.0

Features

- Durable and resistant to decay Maintenance-free .
- High dielectric strength
- High life expectancy
- Easy to fix on floor Excellent insulation
- Anti-corrosive
- Can withstand the load of breaker trolleys without obstructing their movement
- Lightweight

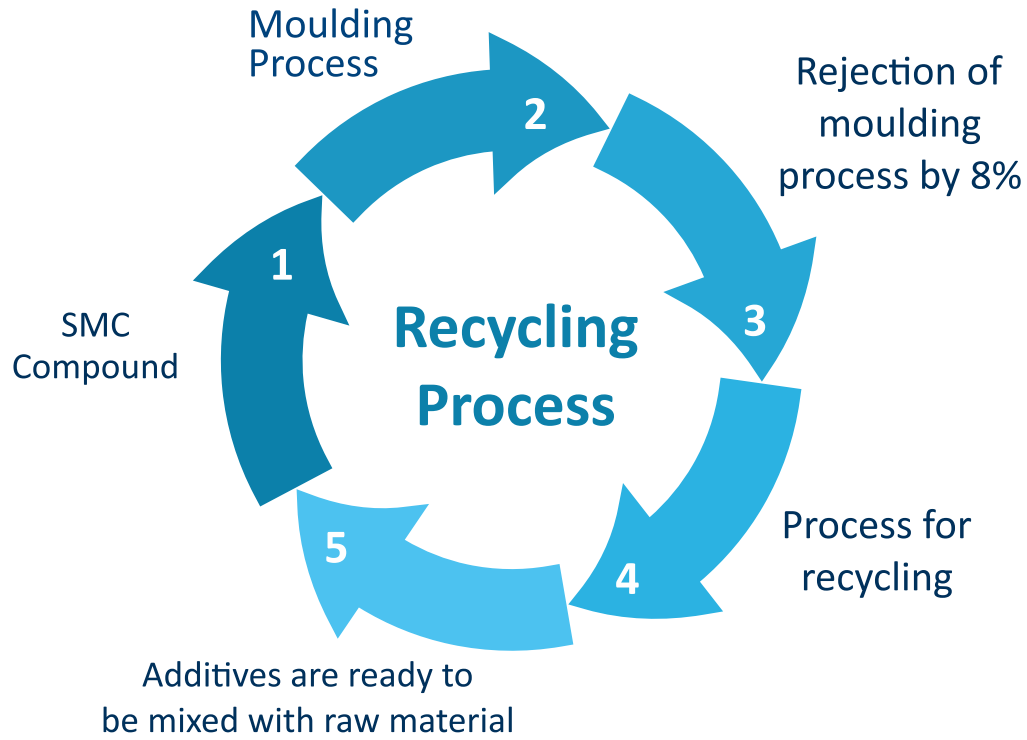
SMC Trench Covers & Gratings



RANGE & SPECIFICATION	
Lenth (m)	1
Width (m)	0.3, 0.45, 0.6, 0.75, 0.9, 1, 1.2, 1.2 Respectively or as per order
Standard Color	Gery

Features

- Lightweight and Strong
- Durable and Resistant to Decoy
- Anti Comosive
- Resistant to wear and tear
- Fire Retardant
- Zero Resale Value, hence no problem of piferage
- High Life expectancy



OUR MAJOR CUSTOMER



CERTIFICATES



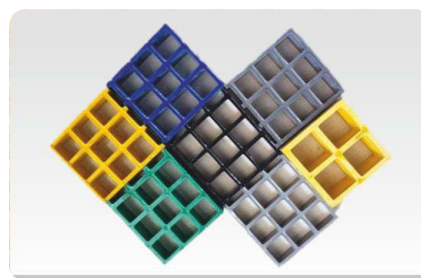
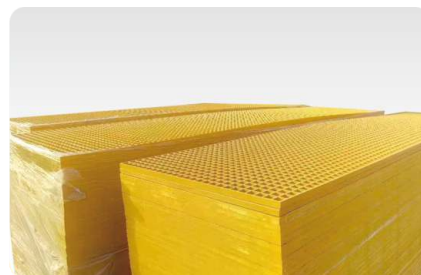
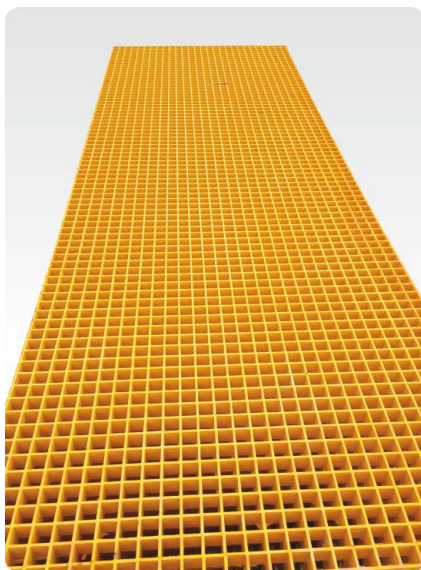
FRP GRATING

The FRP grating is made by interlacing glass fiber and molded by resin casting. The glass fibre reinforced plastic grating with many regular rectangular and square spaces has two-dimensional homogenous mechanical characteristics. Can be widely used in petroleum, chemical electronics, power, paper, printing dyeing, electroplating marine exploration sewage treatment and other industries, such as work platforms, equipment platforms, drilling platforms, walkways, etc., is an ideal product in a corrosive environment, but also suitable for Civil building facilities.

Model No.	Height (mm) ± 0.1	Mesh (mm)	Thickness (up-Down) + 0.5	Open Area (%)	Available Panel Size (mm)
INDO-FG-15-17MM	15-17	38x38	5.8-5 mm	68%	1220mm x 3660mm
INDO-FG-25MM	25	38x38	6.5-5 mm	68%	1220mm x 3660mm
INDO-FG-30MM	30	38x38	6.8-5 mm	68%	1220mm x 3660mm
INDO-FG-38MM	38	38x38	7-5 mm	68%	1220mm x 3660mm

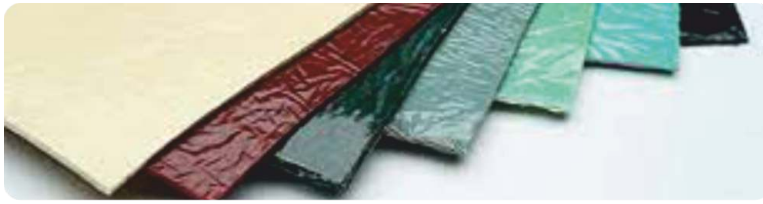
Advantages

- Easy to assemble
- High load-bearing capacity
- Easy to install and maintain/repair
- Durable in the harshest environment
- Suitable for ventilation and natural lighting



Resin Type	Resin Base	Description	Flame spread rating ASTM E84
ISO-FR	Isophthalic Polyester	Industrial Grade Corrosion Resistance and Fire Retardant	Class 1, 25 or less
ISO	Isophthalic Polyester	Industrial Grade Corrosion Resistance in Acidic Environment	Non Fire Retardant
VINYL-FR	Vinyl Ester	Superior Corrosion Resistance & Fire Retardant	Class 1, 25 or less

SMC COMPOUND



Features

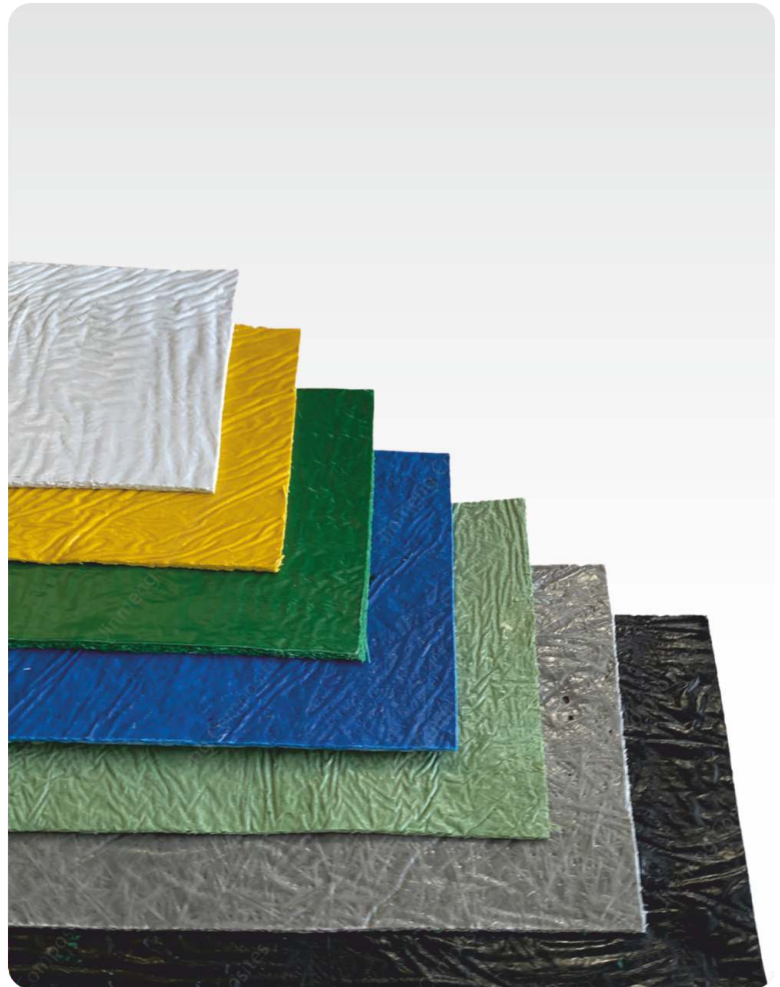
- Fire Resistance
- Corrosion Resistance
- Dimensional stability
- Low shrink, low density
- High mechanical strength

Grade

- INDO-G-01
- INDO-M-02
- INDO-E-03

SMC is a high strength glass fiber reinforced thermoset, moulding material which is normally compression moulded using heated mould tools under high pressure on a large press. Sheet moulding compound (SMC) or sheet moulding composite is a ready to mould glass-fibre reinforced polyester material primarily used in compression moulding. Alternatively the resin and related materials may be mixed on site when a producer wants greater control over the chemistry and filler.

Sheet molding compounds can be moulded into complex shapes. Superior mechanical properties and surface appearance, plus excellent electrical insulation make this the thermoset material ideal for automotive Class A body panels, high-strength electrical parts, business equipment cabinets, personal watercraft, and various structural components.



Performance in extreme temperatures

SMC products are used in installations across the globe in both cold and hot environments without affecting the performance of the product. SMC has a low thermal expansion coefficient so is unaffected by temperature changes.

H.D.P.R WATERPROOF TARPAULINS

OUR PRODUCTS

- H.D.P.E Waterproof Tarpaulins
- H.D.P.E Transperent Tarpulin
- H.D.P.E Vergin Tarpaulin
- H.D.P.E Heavy Duty Tarpaulin
- H.D.P.E Tarpaulin in Roll
- H.D.PE Tarpaulin in Size
- H.D.P.E. Tarpaulin for Construction ndo
- H.D.P.E. Tarpaulin Tents
- H.D.P.E/P.P Woven Fabrics
- H.D.P.E/P.P Paer Laminated Fabric
- Wagon Covers
- Vermi Bed





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