



سابين لتصنيع البلاستيك ذ.م.م.

SABIN PLASTIC

industries l.l.c.

# PLASTICS FOR THE WORLD



## CHAIRMAN SPEAK

Sabin Plastic Industries LLC is the brain child of our Chairman Mr. Satish Gadoya (a successful techno commercial person & an engineer turned entrepreneur) and our Managing Director Mr. Sachin Gadoya. Both of them involve themselves in the day to day operations of the company and dedicatedly contribute to the development & progress of the brand that's Sabin. Being extremely quality-conscious, both these entrepreneurs pay comprehensive attention to the infrastructure & the facilities of the business such that customers are always happy with the products delivered.

With a humble beginning in 1997, using only injection moulding machines for various plastic components, Sabin Plastics has slowly but steadily emerged as a successful trader of Acrylic, PVC, Aluminium & Polycarbonate sheets for the decoration, construction & advertisement industries.

At Sabin, we've successfully introduced plastic products to various industries such as Construction, Aluminium & Glass, Kitchen Cabinet, Packaging, Caps, & Closures, Food & Beverages, Electrical Fittings, Furniture Fittings, Sports, Printing, and many more engineering applications.

Over the past few years, Sabin has taken giant strides on its path to glory & is well ahead on its mission to be a one-stop-shop for all high-end engineering requirements. At Sabin, we understand the expectations one has from high-end precision component manufacturers. We strongly emphasize on timely deliveries, process improvement, economic pricing of products, and training & recruitment of personnel as per the current market & professional demands.

With our passion to achieve engineering excellence, we have so far been very successful in our endeavour to consistently upgrade our machinery, design futuristic testing facilities, and completely satisfying customer needs. As we move ahead in this unmatched business endeavour of ours, we invite you to share this very experience & excellence called 'Sabin'.

Welcome aboard.

Mr. Satish Gadoya  
Chairman



# OUR PROMISE



## QUALITY

Sabin Plastic Industries LLC believes in the selection of 4M (Men, Machine, Method & material) to ensure the desired level of Quality. This is achieved by employing highly skilled professionals, state of the art machinery such as Conventional Tool Room Machinery; International Standard CNC - Injection Moulding Machines of different tonnage / capacity; essential ancillary equipments and machines to support the molding unit and by using Virgin Grade Plastic Raw Materials for our production.



## PRODUCTS

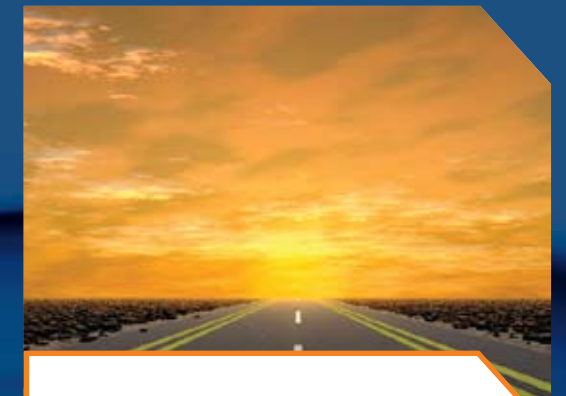
At Sabin Plastic Industries LLC, quality focus is enforced at every aspect, right from Design to Delivery. Quality and customer's requirements are given paramount importance during every stage of production. All processes are continually monitored with rigorous inspection at various stages. By understanding the professional requirements, we are planning to for the ISO Certification.

With the proper selection of raw materials and its grade being 100% Pure and Virgin and imported from reputed brands of Europe and Middle East, our products are of high Quality and International standards and widely accepted not only in the UAE, but also throughout the globe.



## CUSTOMER'S SATISFACTION

With our main emphasis on customer satisfaction, Sabin Plastic Industries LLC has a proved track record for more than eight years of converting customer needs into superior products with competitive cost, high quality, optimum lead time, on-time delivery, and value added service. As of today, Sabin Plastic Industries LLC holds the prestigious customer base comprising of companies from all over the world.



## LOOKING AHEAD

From a humble beginning in 1997, today Sabin Plastic Industries LLC has grown into a corporation and is capable of executing turnkey projects from product conceptualization to production. In the coming years Sabin Plastic Industries LLC would like to be a trusted partner for all the leading manufacturers, who are turning their heads towards us for quality and economic pricing. At Sabin Plastic Industries, we nurture technology for the cause of a better tomorrow.



# INFRASTRUCTURE



## TOOL ROOM

### Conventional Tool Room Machines

Milling Machine, Sharper, Flat Horizontal Surface Grinding Machine, Horizontal Turning Centre

### Tool Room

EDM, Mould, Radial Drilling Machine

### Design

Sabin Plastic Industries L.L.C. has a full-fledged Design facility that works to enhance the function & mould ability of any given plastic product to its service industry or concept. We are equipped with state-of-the-art software i.e. CAD & a well-experienced & qualified Designer. We are capable of taking up Product Designing & Mould Manufacturing.



## FACILITIES

- Central Material loading system
- Master batch dosing units for colour steadiness
- Tooling & Tool maintenance systems with modern CAD-CAM technology & high-precision CNC machines including EDM & 4-Axis milling
- Up to date IT infrastructure including ERP setup for sophisticated planning engine to excellence
- Computerized shop-floor monitoring system with Machine Data Transducer units connected with each machine & equipment for acceleration of the information exchange process between machines & ERP systems



## INJECTION MOULDING

- Over 20 machines from world renowned European & Far East nations
- Microprocessor controlled machines with capacity of 140 to 300 tonnes
- Material Processed: PE, PP, HIPS, PS, PC, ABS, SAN, PVC, Nylon, Specialize Eng. Plastics
- In house part & tooling design & 3D model generation
- In house mould manufacturing facility with modern tooling facility
- Any Quantity: Form short runs up to 2 million parts per month
- Rapid prototyping capacity with lead time as short as 2-weeks for some basic components
- In house manufacturing of parts with closed loop CNC machineries
- Permanent 0 defect PPM
- Colour matching & excellent batch sampling facility
- Labelling colouring, plating, insert moulding & assembly of various components
- Custom packaging & label application for retail outlets
- Industrial application moulding with PBT POM & gas assisted Injection moulding
- Micro moulding facility of electronics



## PRINTING

High quality dry offset printers; printing up to six colours

## QUALITY ASSURANCE

Conforming quality standards right from process set up to finished goods, allowing traceability at any stage & Qualified & trained polymer engineers to ensure optimum quality

### We are also equipped with:

- Compression strength test equipment for top load testing
- Colour comparison equipment
- Latest quality & batch sampling
- Analytical Lab systems

## SPACERS

### Wheel Spacers

Wheel Spacers (Open) for Reinforcing Bars (Construction/Piling)

A full range of wheel spacers are designed for accurate positioning of vertical reinforcing bars

Size	Bar Dia	Colour	Code
25mm	4 to 8	Black	WSR 25/4-8
30mm	4 to 8	Black	WSR 30/4-8
30mm	4 to 12	Black	WSR 30/4-12
40mm	4 to 12	Black	WSR 40/4-12
50mm	4 to 12	Black	WSR 50/4-12
60mm	4 to 20	Black	WSR 60/4-12



### Wheel Spacers for Piling

These spacers are specially designed for foundation & piling works

Size	Bar Dia	Colour	Code
75mm	Closed Std	Black	WSR 75 C
75mm	Open Std	Black	WSR 75 O
75mm	Closed New	Black	WSR 75 C/N
75mm	Open New	Black	WSR 75 O/N
100mm	Closed	Black	WSR 100 C
100mm	Open	Black	WSR 100 O
75mm	Closed Heavy Duty	Black	WSR 75 C HD
100mm	Closed Heavy Duty	Black	WSR 100 C HD
5 Strands	Anchor Spacer	Black	ANCH 5 STR
7 Strands	Anchor Spacer	Black	ANCH 7 STR



### Chair Spacers

Are specially designed for accurate positioning of horizontal reinforcing bars

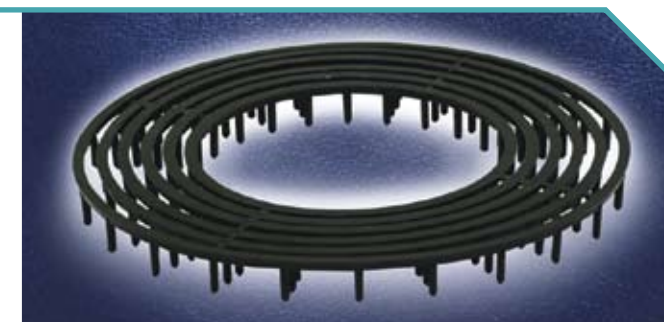
Size	Bar Dia	Colour	Code
25mm	4 to 12	Black	CSR 25/4-12
30mm	4 to 12	Black	CSR 30/4-12
40mm	4 to 12	Black	CSR 40/4-12
50mm	4 to 12	Black	CSR 50/4-12
60mm	4 to 20	Black	CSR 60/4-12
75mm	4 to 26	Black	CSR 75/4-12



### Round Spacer

Sturdy plastic spacer, to support large areas of bottom reinforcement consisting of six loose rings.

Diameter	Height	Colour	Code
190 - 310mm	30mm	Black	RSR 30



### Praxifix Chair Spacer

Praxifix spacers are used for vertical and horizontal reinforcement precast applications

Size	Colour	Code
35mm	Black	PRX CR 35



### Multi-Strand Anchor Spacer

Strand spacers are provided in the anchor bond zone to separate the strand and provide for the minimum required grout cover around each strand for corrosion protection and bond strength development

Available in :  
5 Strand Spacer  
7 Strand Spacer



### Roof Tile Spacer

Extra strong and sturdy support to assist laying slabs on flat roofs and terraces

Diameter	Height	Colour	Code
150mm	14mm	Black	RTSR 14/150





## Technical Data (Spacers)

Physical Properties	Unit	Value	ASTM Method
Melt index	g/10 min	4	D-1238
Density	g/cm <sup>3</sup>	0.960	D-1505
Vicat Softening Point	°C	128	D-1525
Brittleness Temperature	°C	< -75	D-746
Tensile Modulus at 1% Elongation	MPa	1240	D-638
Tensile Strength at Yield	MPa	33	D-638
Tensile Strength at Break	MPa	22	D-638
Tensile Elongation at Break	%	1200	D-638
Izod Impact	J/m	69	D-256
Hardness (Shore D)	---	69	D-2240
ESCR (100% Igepal), F50	Hrs	6	D-1693B

## Certificates

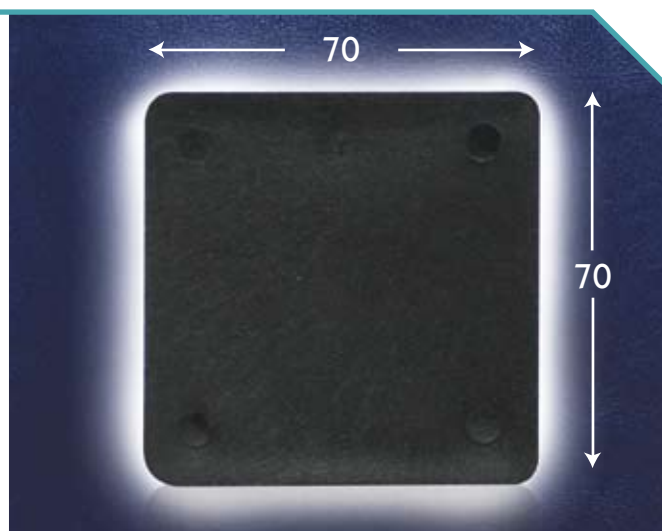


## PACKING (SHIMS) ACCESSORIES FOR ALUMINIUM & GLASS INDUSTRY

### Levelling Shims

Levelling Shims are used for alignment & levelling of heavy section steel plate & pre-cast concrete section

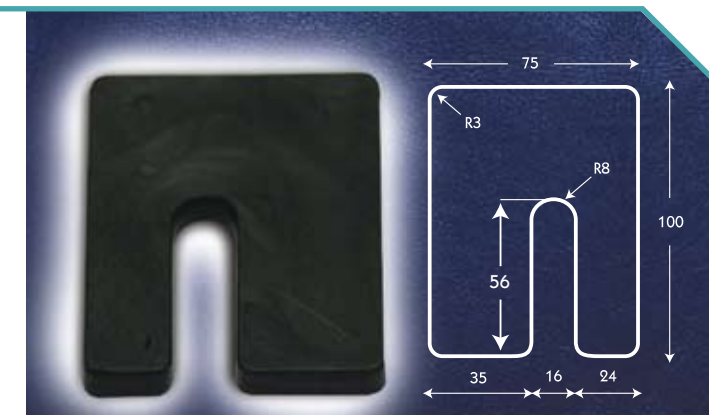
Size	Colour	Code
1 x 70 x 70 mm	Black	LS 70701
2 x 70 x 70 mm	Black	LS 70702
3 x 70 x 70 mm	Black	LS 70703
5 x 70 x 70 mm	Black	LS 70705
10 x 70 x 70 mm	Black	LS 707010
10 x 95 x 95 mm	Black	LS 959510



### U Packing (rectangular)

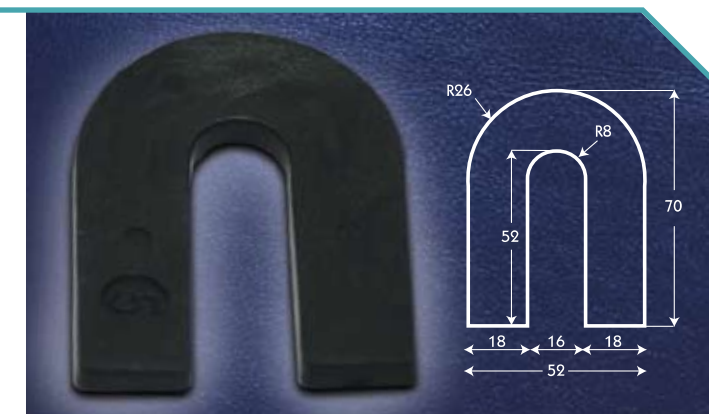
These packing (both Rectangular & Horse Shoe) are used for alignment and levelling of Aluminium frame and wall.

Thickness	Colour	Code
100 x 75 x 1 mm	Black	PU 10751
100 x 75 x 1.5 mm		PU 10751.5
100 x 75 x 2 mm		PU 10752
100 x 75 x 3 mm		PU 10753
100 x 75 x 5 mm		PU 10755
100 x 75 x 10 mm		PU 107510



### U Packing (horse Shoe)

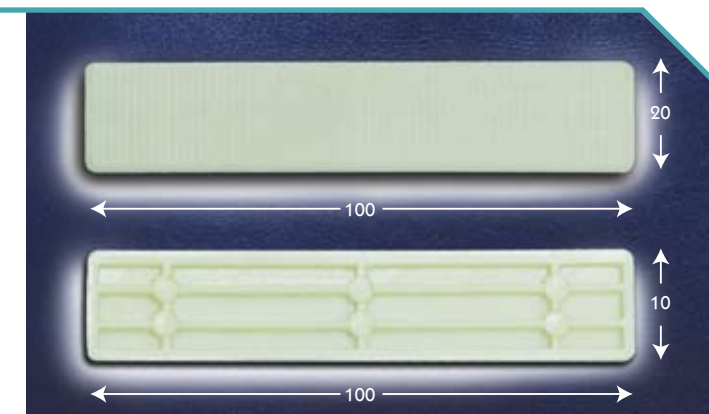
Thickness	Colour	Code
70 x 52 x 2 mm	Black	PUHS 70522
70 x 52 x 3 mm		PUHS 70523
70 x 52 x 4 mm		PUHS 70524
70 x 52 x 5 mm		PUHS 70525



### Glass Packing

Glass packing is used for alignment & levelling of aluminium frame & glass

Thickness	Colour	Code
100 x 10 x 1 mm	White	PS 10101
100 x 10 x 3 mm		PS 10103
100 x 10 x 5 mm		PS 10105
100 x 20 x 1 mm	White	PS 10201
100 x 20 x 3 mm		PS 10203
100 x 20 x 4 mm		PS 10204
100 x 20 x 5 mm		PS 10205



## Technical Data (Shims)

Properties (Poly Propylene)	Test Method	Unit	Value
Melt Flow Rate (230°C, 2.16 kgs)	ASTM D 1238	g/10 min	11
Melting Point (DSC)	ASTM D 3418	°C	161
Crystallization Point (DSC)	ASTM D 3418	°C	115
Vicat Softening Point (1 kg)	ISO 306A	°C	152
Tensile Strength at Yield	ISO 527-2/1B/50	Mpa	33
Elongation at Yield	ISO 527-2/1B/50	%	10
Flexural Modulus (0.05 0.25 %; 2 mm/min)	ISO 178	Mpa	1350
Izod Impact (Notched at 23°C)	ISO 180-4A	KJ/m <sup>2</sup>	3.5
Shore Hardness D (15 sec)	ISO 868	---	68

## ACCESSORIES FOR ALUMINIUM KITCHEN CABINET INDUSTRY

### 3 Way Corner

Size	Colour
Standard	White
Custom Orders	As per RAL Shades



### Triple Corner

Size	Colour
Standard	White
Custom Orders	As per RAL Shades



### L Corner

Size	Colour
Big / Small	Black



### Decorative Corner

Size	Colour
40 x 40mm	As per RAL Shades
40 x 20mm	



## ACCESSORIES FOR STEEL FABRICATION

### Safety Cap For Steel Rods / Bars

Size	Colour
6mm	Grey
8mm	Grey
13mm	Yellow



### End Cap For Hollow Metal Profile

Size	Colour
40x40mm	As per RAL Shades
40x20mm	



## ACCESSORIES FOR ELECTRICAL FITTINGS

### Surface Mounting Box

Acts as a base of electrical switches & telephone hubs

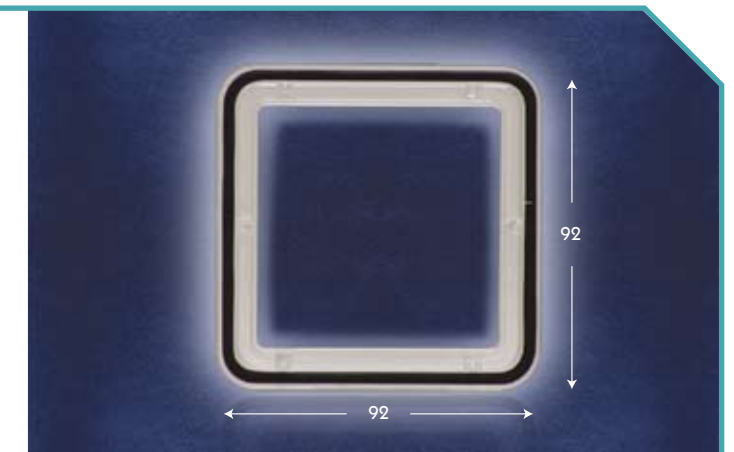
Size	Colour
Standard	White



### Energy Meter Window Glass

Is used to examine the reading on the energy meter from the meter panel

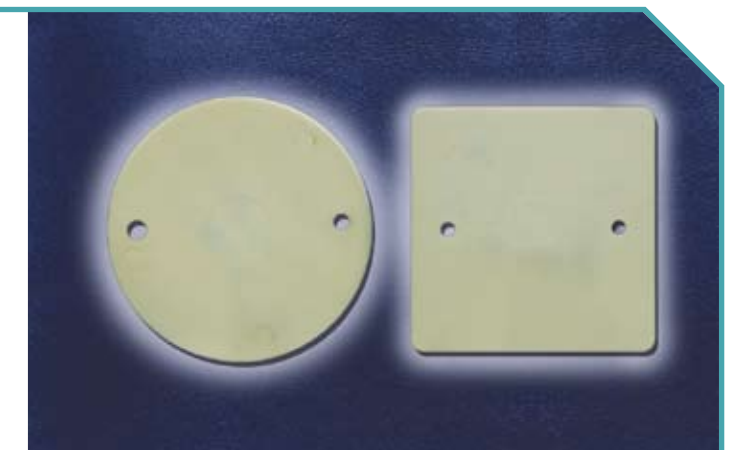
Size	Colour	Fixing
Standard	Transparent Clear	Push or Screw



### Junction Box Cover

Acts as a cover to the Junction Box

Size	Colour
Square	White
Round	White

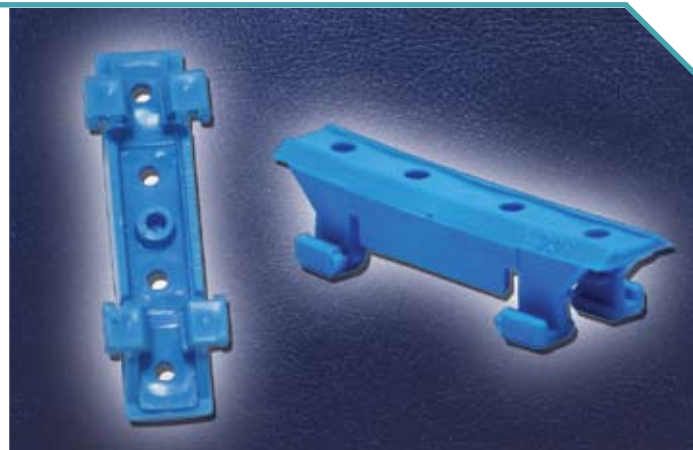




### Neutral Base

Is used in order to the neutral link in electrical control panels

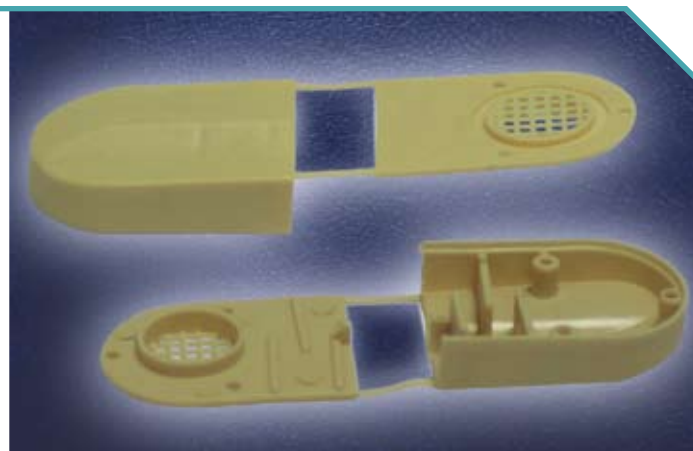
Size	Colour
Standard	Blue



### Louver

Louvers act as ventilators in electrical control panels; hence preventing the dust from entering the control panel

Size	Colour
Standard	Light Grey, Beige



### Custom Moulding

We specialize in custom moulding. We offer a full range of design & engineering services using computerized production equipment, the best materials, and a commitment to excellence. We can custom-mould products in more or less any size, design, or quantity...Be it a simple tool or highly standardized, we are equipped to provide you the best. In plastics, "If you can think it, we can mould it."

We at Sabin Plastic LLC, have vast and in-depth knowhow in the art of custom moulding. Armed with an ISO 9001 certification and an experienced team of experts, we can breathe life into your designs and churn out finished goods that will match your specifications to the tee and will exceed your expectations beyond imagination.

Technologically, our state-of-the-art product development services include modern development and production technologies, which give us the ability to produce the most durable and consistent products. We use a wide range of raw materials including nylon, acetals, acrylics, styrene and polyolefin amongst others; and we will colour match, even for short runs. All you need to have is an idea...we will deliver them as tangibles in your market, and at a price that will humble your competitors.

Our clients also trust us with their vision, and we respond with enthusiasm, a never-say-die attitude, and an exact solution.

## MISCELLANEOUS ITEMS

### Sofa Leg

Are used in the furniture industry & act as a base to the Sofa Unit

Size	Colour
40mm	Black
50mm	Black
60mm	Black



### Visiting Card Box

Card Holder

Size	Colour
Standard	Transparent Clear



### Aluminium Foil Cutting Blade

These blades help in cutting of Aluminium Foil paper

Size	Colour
300mm	White
450mm	White



### Pizza Protection Leg

Are used on automobile exteriors & closed refrigerated vans

Size	Colour
Standard	White



### Reflector

Are used on automobile exteriors & closed refrigerated vans

Shape	Size	Colour
Triangle	Standard	Red
Round	Standard	Red





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