

RAJ *INCorporated*



- **Cast Acrylic Sheets**
- **Mirror Acrylic Sheets**
- **Moulding Grade Acrylic Sheets**
- **Sunboard (PVC Foam Board)**
- **WPC Sheets**
- **Polymer Composite Board**
- **Transparent Rigid PVC Sheets**
- **Opaque White Rigid PVC Sheet**
- **Transparent APET Sheets**
- **PP Corrugated Sheets**
- **Roll Up Standee**



About Us

'**Raj Incorporated**' formerly known as '**Dilip Plastics**' was established in the year 1978. Mr. Dilip Shah, Promoter and Chairman of *Raj Incorporated* is the sole architect of the company. '*Dilip Plastics*' was established with the intention of providing best quality products & effective customer services in the field of high-end plastics films & sheets which was plagued with inefficiency and license raj in those days.

Mr. Dilip Shah came up with the idea of "All type of plastic films & sheets under one roof." The company immediately captured a huge market share and instantly became popular in the field of plastics and joined hands with many well-known giants in the field like GE (General Electric) now known as Sabic Innovative Plastics (UAE), PPG group (USA), Caprihans India Ltd, Calico Chemicals & Plastics (Sarabhai group).

By mid-90s when the Indian Economy opened up it was time to go global; so the company decided to establish its own manufacturing unit of virgin PVC films and sheets, and also semi recycled sheet plant to maintain its environmental standards in Union Territory of Daman.

We also saw a huge potential in our neighboring countries like China, Taiwan, Japan, Malaysia and Singapore & joined hands with big international players like *Mansu Exporters Ltd. Jiangsu Huaxin group, Formosa group company Nanya plastic Corporation* (Taiwan Giants) started importing impeccable quality of material and brought many new innovative products in the Indian market.

In the year 2003 '**Dilip Plastics**' was renamed '*Raj Incorporated*' to rejuvenate the company amidst changing times and modernize it without changing the core values, management team, ethics and morality of the business.

Today the **Dilip Plastics Group** consists of multiple companies engaged in manufacturing and distributing of different products: Raj Incorporated / Dilip Trading Co. & Tuflex Roofings

The company has achieved many milestones till date: -

In 1980, the company was the most treasured distributor of *Calico Chemical Ltd. Plastics Div.*, winning the best marketing award for three consecutive years.

We have won best distributor award of GE (now known as Sabic Innovative plastics) for three consecutive years in a row from 1993-1995.

We became the sole distributor of Formosa group in India for special grade PVC sheets in print decoration & packaging.

Later, we established our reputation in PVC High performance films & sheets for smart card production. Now we are progressing in Signage and building & construction materials like PVC foam board (Sunboard), WPC Sheets, Acrylic Sheets, PP Corrugated Sheets, Polymer Composite Board, Roll up Standee

Today we have a wide network throughout India with an established customer base to rely on.

PVC Foam Board Signage Grade

Punching & Printing Grade (Rollable)



SUNBOARD or PVC Foam board is a strong & lightweight material which can be easily cut using any traditional method. This material is used for mounting of vinyl prints, as backing in photo frames and for digital printing. **Sunboard** is commonly used in India and around the world for large format printing and store branding. Photos or creatives are first printed on a self-adhesive vinyl which is then mounted on to the **Sunboard**.



This **Sunboard** can then be taken pasted on a wall, pillar or other flat surfaces using either double-sided adhesive tapes or nails depending on the surface. The more modern method is to print the sun board directly using a UV flatbed printing machine. UV prints on **Sunboard** last longer and are free from peeling problems.

WHITE COLOUR SHEET

Thickness	Sizes in Feet
2.0 mm	4 x 8
2.8 mm	3 x 6, 3 x 8, 4x 6, 4 x 8
3.0 mm	3 x 6, 3 x 8, 3 x 10, 4 x 6, 4 x 8, 4 x 10, 5 x 10
4.0 mm	4 x 8
5.0 mm	3 x 6, 3 x 8, 3 x 10, 4 x 6, 4 x 8, 4 x 10, 5 x 10
8.0 mm	4 x 8
10.0 mm	4 x 8
12.0 mm	4 x 8
15.0 mm	4 x 8
18.0 mm	4 x 8

BLACK COLOUR SHEET

Thickness	Sizes in Feet
3.0 mm	4 x 8
5.0 mm	4 x 8

Printability

Screen Printing, Digital Printing, Flatbed Printing, Vinyl Pasting, Scodix & UV Digital

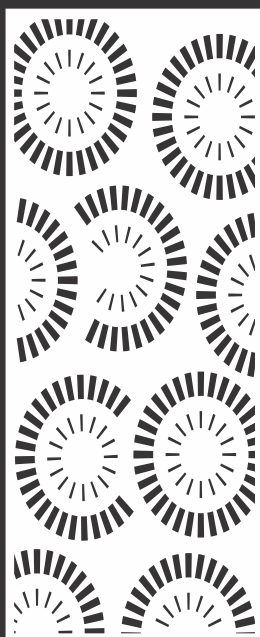
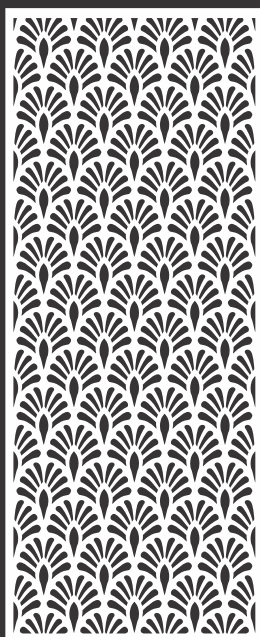
End Use : Advertising Signages, POP, Display Stands, Letter Cutouts, Box Letter & Dangers.



PVC & WPC Board

Furniture Grade

PVC & WPC boards are composite materials made of Limestone mixed with Polyvinyl chloride (PVC) and other chemicals. The primary advantages of the PVC & WPC boards over natural wood are **Termite Proof, 100% Water Proof and Fire Retardant**. These boards are widely used for modular kitchens, wall paneling, wardrobes, window and door frames, bathroom cabinets, railings, and office furniture etc. PVC & WPC boards make for the perfect material for high moisture retention areas. This material is as easy to fabricate as wood.



Thickness 3 mm to 25 mm
 Size in Feet 4 X 8
 Density 0.4 to 0.65 kg./M³

Applications
 Decorative Grills, Partitions,
 False Ceiling, Modular Kitchens,
 Office & Home Furniture,
 Bathroom Vanities & Advertising
 Display Boards

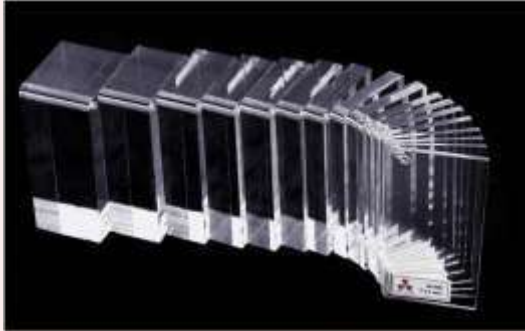
COMPARISON OF PVC FOAM BOARD /WPC DOORS WITH PLYWOOD, MDF & PARTICLE BOARDS

BASIS OF COMPARISON	PVC/WPC	PLYWOOD	MDF	PARTICLE BOARD
Water & Moisture Proof	✓	✗	✗	✗
Termite & Pest Proof	✓	✗	✗	✗
No Shrinking or Swelling	✓	✗	✗	✗
Fire Retardant	✓	✗	✗	✗
Borer Proof	✓	✗	✗	✗
Corrosion Resistance	✓	✓	✓	✓
Splinter Free	✓	✗	✗	✗
Maintenance Free	✓	✗	✗	✗
Environment Friendly	✓	✗	✗	✗
Smooth Surface	Much More Smoother	Less Smoother	Less Smoother	Less Smoother
Gluing & Lamination	✓	✓	✓	✓
Weather & Ageing Resistant	✓	✗	✗	✗



100% Virgin Cast Acrylic Sheet

Clear



Sign AD "Clear" has exceptional light transmission at 92% which is more than glass. It has good weather resistance; it does not crack or turn yellow easily when used outdoor. Weighs only half of glass and It is easy to fabricate. Major Applications are signage, car accessories, architecture, etc. The glass of Sign AD has 10 years Limited warranty.

Applications	Sign	POP	POS	Decoration	Panel
	●	●	●	●	●
	Automotive	Roof	Furniture	3D Letter	Apron
Key Performance	Logo	Shower Tray	Bathtub	Wash Basin	
	●	●	●	●	
	Excellent weathering resistance High light transmission High gloss surface				

Color



Sign AD "Color" are available in wide range of standard colors such as transparent, translucent and fluorescent to meet design and usage needs. Examples of applications such as signage and architecture, automotive accessories and decoration etc. Sign AD is a well-known global brand since last 30 years and is known for producing high quality sheets and consistent and stable colors

Applications	Sign	POP	POS	Decoration	Panel
	●	●	●	●	●
	Automotive	Roof	Furniture	3D Letter	Apron
Key Performance	Logo	Shower Tray	Bathtub	Wash Basin	
	●				
	Wide range of colours Color consistency Easy to fabricate				

Magic Color



Sign AD "Magic Color" is developed to make the sheet in dual colors. The sheet will be black without illumination and when illuminated, the color will change to either white, red, blue, green or violet as per the selected sheet's base color. Applications such as signage, interior decoration, lamp work, etc.

Applications	Sign	POP	POS	Decoration	Panel
	●	●	●	●	●
	Automotive	Roof	Furniture	3D Letter	Apron
Key Performance	Logo	Shower Tray	Bathtub	Wash Basin	
	●				
	Different color when during on/off light Evenly color spreading performance Easy to fabricate				

"SIGNAD" IS A REGISTERED BRAND OF THAI POLY ACRYLIC PUBLIC LTD. CO. (MITSUBISHI CHEMICAL GROUP COMPANY). RAJ INCORPORATED IS THE SOLE PAN INDIA DISTRIBUTOR



- Thickness** 1.8 mm to 25 mm
- Size** 4 ft X 8 Ft / 2 m X 3 m
- Color** Clear, Milky White, Red, (0/40) Opal White, Blue, Green, Yellow, Brown, Orange, Pink, Grey, Black, Purple and Magic Color
- Applications** Signage Letter Cutting, Laser Cutting, Engraving, Photo Frame, Indoor & Outdoor Advertising, Retail Display, Modular Kitchen & Partition



Cast Acrylic Sheet

Acryglo Cast Acrylic Sheets are 'A' Grade Cast acrylic sheets manufactured using best quality raw material. These sheets are of good quality, reasonably durable and much more economical. **Acryglo** Cast Acrylic Sheets have excellent optical clarity & transparency. **Acryglo** Cast Acrylic Sheets are highly resistant to variations in temperature. **Acryglo** Cast Acrylic Sheets are up to 10 times stronger than ordinary glass. **Acryglo** Cast Acrylic Sheets are half the weight of glass and ideal for precision machining. **Acryglo** Cast Acrylic Sheets are highly resistant to many different chemicals.



ACRYGLO IS REGISTERED BRAND OF RAJ INC.

Thickness 1.8 mm to 20 mm

Size 4 ft X 8 Ft.

Color Clear, Milky White, Black, Opal White (040), Red, Blue, Green, Yellow, Orange, Brown, Pink and Other colors

Applications Signage Letter Cutting, Laser Cutting, Engraving, Photo Frames, Indoor Advertising, Retail Display, Modular Kitchen & Partition etc.

Moulding Grade Acrylic Sheet

Moulding Grade Acrylic Sheets are manufactured by extrusion process. Like cast acrylic, extruded acrylic has several benefits to consider. Firstly, they are more economical. Secondly, like cast acrylic sheets, extruded sheets have excellent optical properties. However, extruded acrylic sheets have a lower melting point than cast acrylic sheets making them easily thermoformable, bendable and moldable, because they are more malleable than cast acrylic. Also, these sheets bonds well and they can be polished well using flames and buffing machine. This makes your final product more durable because small surface scratches can be polished or buffed away.



Thickness	0.8 mm to 1.7 mm
Size	4 X 8
Color	Clear, Milky White, Opal White, Black
Applications	Laser Cutting, Engraving, Photo Frame, Indoor Advertising, Retail Display, Modular Kitchen & Partition

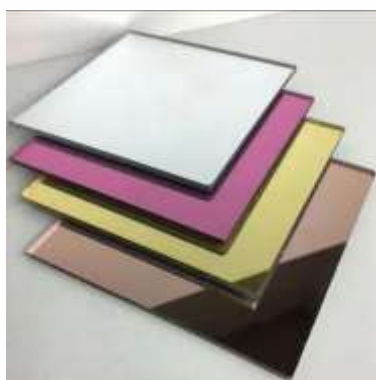
Benefits of Extruded Acrylic Sheets

- Thermoformable
- Less expensive than glass or cast acrylic
- Excellent optical properties
- More impact resistant than glass
- Good electrical and UV resistance

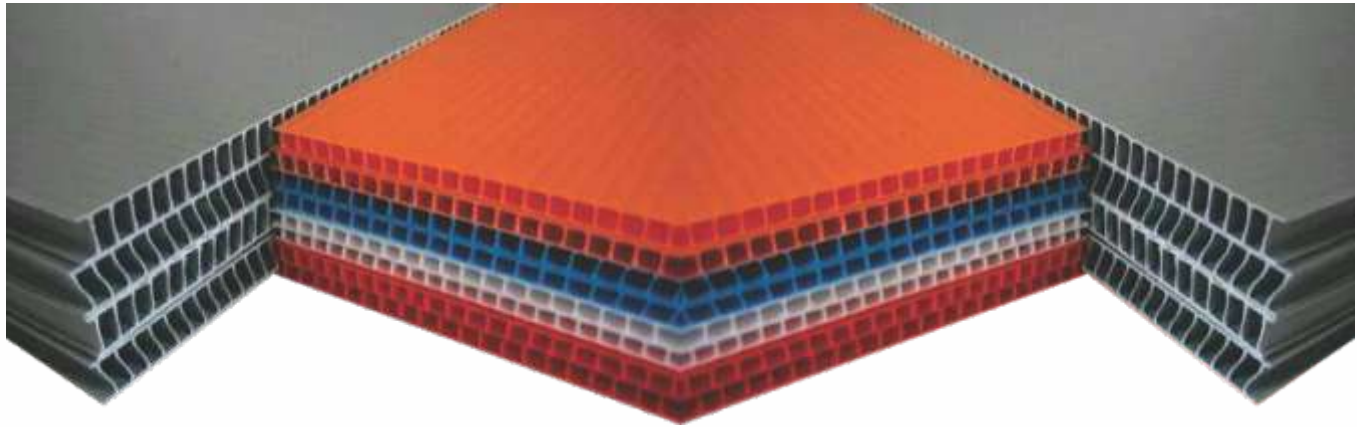
Mirror Acrylic Sheet & PS Mirror Sheet

Acrylic mirror sheets are made of extruded acrylic sheets by vacuum metalizing process. Silver and gold are the most common colors of acrylic mirror panels. As a reputed supplier of acrylic mirror sheets throughout India, we can customize any color according to customer needs. The acrylic mirror sheets are replicas of actual glass mirror sheets and yet they are much more shatter resistant than glass. The product is non-toxic and odorless, has excellent weather resistance and chemical resistance, can be heat treated and laser cut, and is widely used in carving, advertising, lampshade, decoration, stationery racks, gifts, kitchen and bathroom furniture, architectural decoration, optics, arts and other fields.

Product	Acrylic mirror sheet, Adhesive Acrylic Mirror sheet, decorative mirror sheet
Material	PMMA Conformed to RoHs 91/338/EEC,2005/84/EC,EN 71-3
Standard size	1220×2440mm - Acrylic Mirror / 1220 x 1830mm - PS Mirror
Thickness	1mm to 3mm - Acrylic Mirror / 1mm - PS Mirror
Advantages	Light-weight, safe, no pollution, non-toxic
Color	Silver, Golden, Copper, Rose Gold & customized colors
Usage	Pocket mirror, lady's handbag, toys, wall, decoration, dressing, Glazing & Displays
Back & Packing	Eco-friendly paint backing or adhesive backing, PE film on front side

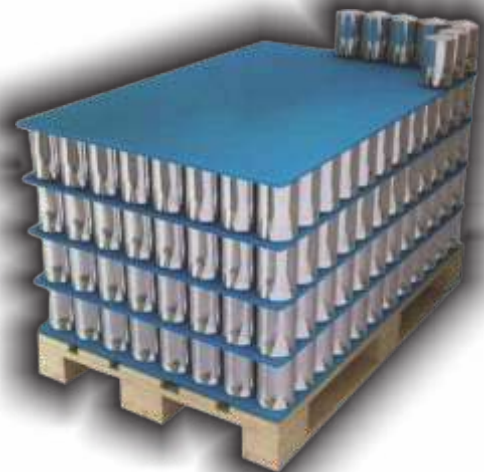


PP Corrugated Sheet (Flute Board)



- Thickness** : 1.5 mm to 8.00 mm
- Size** : 4' x 6' (Std. Size) **Other Sizes** : on bulk orders
- Surface** : Ribbed & Printable
- Grade** : Floor Protection, Printing & Packaging
- Colors** : White, Black & Yellow
- GSM** : 225 ~ 2000 GSM

End Use : Signage, POP, Display Stands, Dangers, Packing Cartons; Floor Guard Sheets are for Floor Protection of ongoing Renovation, Moisture Protection Sheet, Guard for Wall Mounted Furniture, Roofing Insulation sheet



Transparent Rigid PVC / PET Sheets (With both side Protective Film)



Specifications:

Available Sheet Form Thickness: 0.15mm to 2mm
Standard Sizes (W x L): 3' x 6' (Std), 3' x 8', 4' x 8' (on bulk orders)

Various Applications:

Electronic Panels, Window Display, Clear Cartons, Gold / Silver Coin Card, Transparent Card, Dangers, Photo Frame Glass, Indoor Advertising & Sign Boards, Trans Lite, Backlit Photo Frames, Dials & Decals for low Temperature for Electronic Consumable, Mobile Cover, QR Code E-Payment Stands, Etc.

Special Features:

Glass like clarity, unbreakable, can be cold bent like metal, can be cut on conventional paper & card board cutting machine & CNC Router Machine

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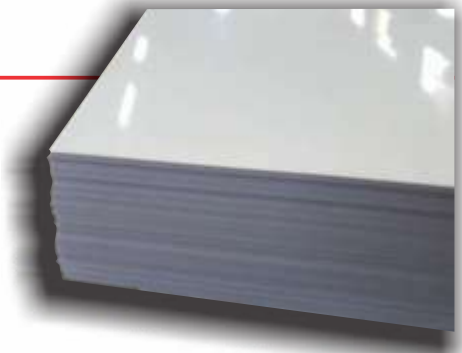
- Screen Printed
- Half Tone (Maximum dpi) printed
- Offset sheet fed (with "Plasto" series ink)
- Flat Bed Printed
- UV Digital
- "Scodix" Digital printing
- Digital - (indigo) Printed.
- Hot foil stamped (Gold/Silver Foiling)
- Dome Coating Possible.
- The Temperature should not Exceed, more than 70°C avoid deshaping.



End Use



Opaque White Rigid PVC Sheets



Specifications:

Available Sheet Form Thickness: 0.15mm to 2mm
Standard Sizes (W x L): 3' x 6' (Std), 3' x 8', 4' x 8' (on bulk orders)

Various Applications:

Dangers, Indoor Advertising & POP Signs, Clock Dials & Decals, QR Code E-Payment Stands, Etc.

Special Features:

Unbreakable, can be cold bent like metal, can be cut on conventional paper & card board cutting machine & CNC Router Machine

PRINTABILITY:

Screen & Half Tone printing • Offset sheet fed (with "Plasto" series ink) • Flat Bed & UV Digital printing • "Scodix" Digital Printing, HP Indigo Printing, Gold/Silver Foiling, Dome Coating Possible. The Temperature should not Exceed, **more than 70°C** to avoid de- shaping.

Do not keep Rolled for more than 24 hours to avoid permanent curves

Do not store in Open Direct Sunlight or Rain & Dust Store in Normal Room Temperature Covered with Plastic or Cloth

Can be Drilled
Can be thermo formed
Can be Screwed

Do not remove all masking until end use to avoid scratches

Can be Cold bent up to 90° like Steel

Lower Thickness up to 1.5 mm
Can be cut on Paper Cutting Machine



HIPS Sheets / HIP-GPPS

Thickness	: 0.50 mm to 6.00 mm
Size	: 3' x 3' Std. Size; Rolls & Sheets in other size in bulk orders only
Surface	: Matt & Hi-Gloss in HIP-GPPS
Grade	: Vacuum forming & Printing
Color	: White and Other colors on request

- Thermo Formed Glowsigns • Advertising Backlit Sign Box • Translites
- Concept Outdoor Signages • Cylindrical Triangular Curved Signs
- Architectural Model Making, Printed POPS & Dangers

End Use



Rollup Standee

Standee plays a high roll in marketing solution which would be most effective at exhibitions, conferences, trade shows and parties. It is light weight, collapsable and it comes in a non-woven bag with shoulder strap which makes it easy to carry and transport. Base material of Powder coated GI / Aluminum make roll up standee rust free. You can change the attached flex on the same roll up standee for each new event making it the best reusable display stand. Roll up standees is the best way to communicate your brand offers.

Size: 3 ft x 6 ft / 2.5 ft x 6 ft / 2 ft x 5 ft

Material: Powder coated GI & Aluminum
Color: Black



Our Registered Brands



SIGNAD IS REGISTERED BRAND OF MITSUBISHI CHEMICAL GROUP COMPANY AND RAJ INC. ARE PAN INDIA DISTRIBUTOR

📍 Gala No. 1/B, Gr. Flr., Tiwari Industrial Estate, Ram Mandir Road,
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