



NEXT GENERATION
Sheets



SABIN
ENGINEERING

“ We produce the finest sheets in our world-class facilities, backed by years of expertise.



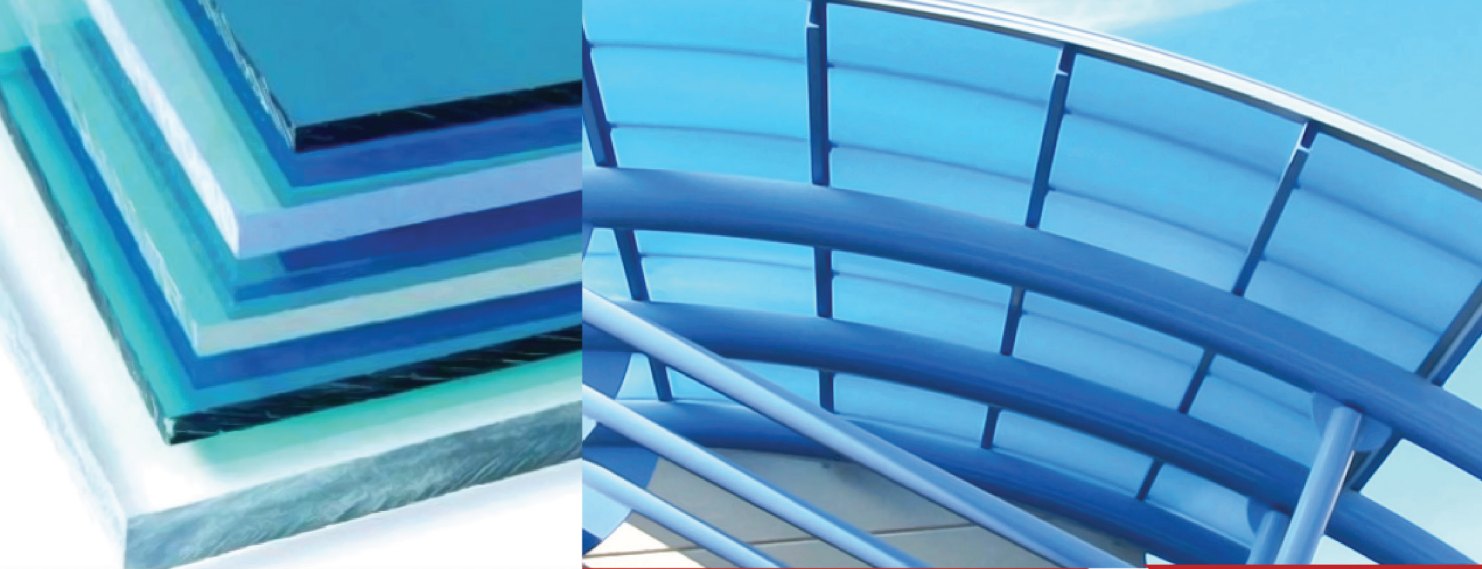
Satish C Gadoya
Chairman

Superior
quality

State of
the art
German
Technology

Logistic
advantage





Polycarbonate (Solid Sheets)

SABIN® Polycarbonate sheets from Sabin Engineering provide several benefits such as high optical quality and strength. They are also highly resistant to impact and fire. Sizes available are :1220x1830, 1220x2440, 1250x2050, 2050x3050 mm
Thickness : 0.9mm to 15.0 mm



High impact strength



UV protection



Recyclable



High transparency



Good light transmission



Bulletproof windows



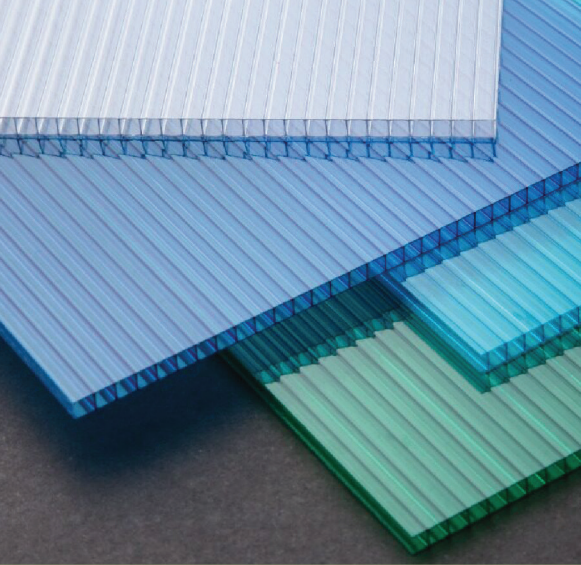
Gates, ceilings and roofs



Signage applications



Sound absorbing barriers



Polycarbonate (Twin-wall Sheets)

SABIN® Twin-wall (2 wall box type) sheets are transparent and translucent with high impact strength and both side UV protection. Standard colors available are clear, opal, bronze, blue, and green. SABIN® Twinwall sheets are available in thicknesses of 4, 6, 8 and 10 mm.

Typical applications includes

Building industry – roofing, cladding, sidewalls, conservatories, domes, skylights, sheds, car ports, smoke vents, swimming pool covers, suspended ceilings, glasshouses.

Agriculture Industry - Greenhouses, lorry/tractor ports and farm/barn buildings.

Advertising - Illuminated signs and advertising panels.



High impact strength



UV protection



Recyclable



High transparency



Good light transmission



Gates, ceilings and roofs



Advertising & Signage applications



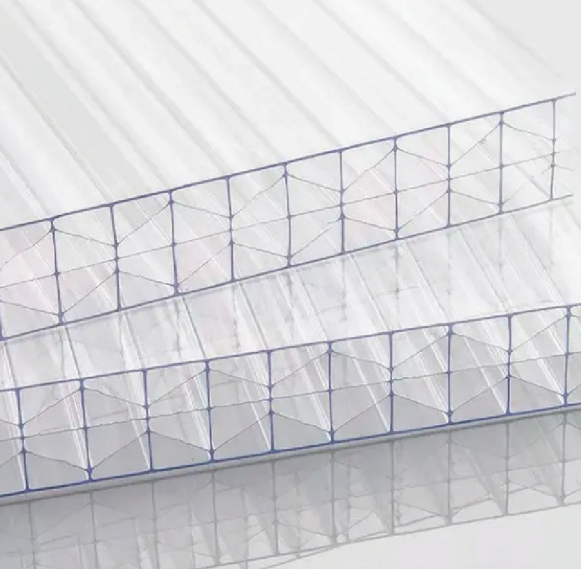
Light weight



Easy Installation



Flexible



Polycarbonate (Multi-wall Sheets)

SABIN® Multi-wall (5 wall, X Type) sheets are transparent and translucent with high impact strength and both side UV protection. Standard colors available are clear, opal, bronze, blue, and green. SABIN® Multiwall sheets are available in thicknesses of 16mm and 20mm.

Typical applications includes

Building industry – roofing, cladding, sidewalls, conservatories, domes, skylights, sheds, car ports, smoke vents, swimming pool covers, suspended ceilings, glasshouses.

Agriculture Industry - Greenhouses, lorry/tractor ports and farm/barn buildings.

Advertising - Illuminated signs and advertising panels.



High impact strength



UV protection



Recyclable



High transparency



Good light transmission



Gates, ceilings and roofs



Advertising & Signage applications



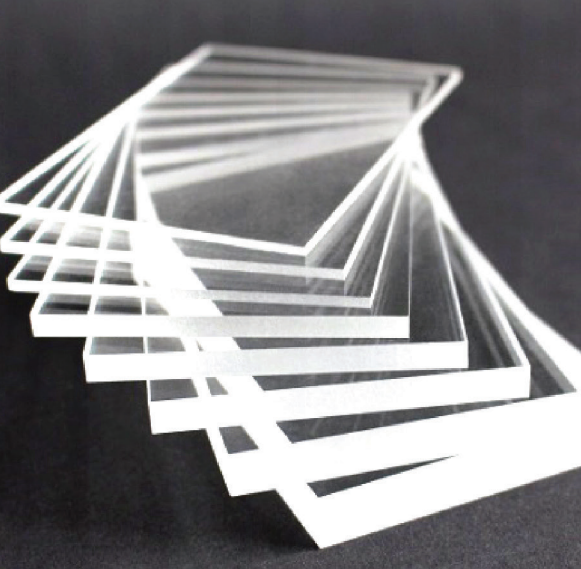
Light weight



Easy Installation



Flexible



ACRYLIC (PMMA XT)

SABIN® Extruded Polymethyl Methacrylate or ACRYLIC is a transparent thermoplastic. SABIN® ACRYLIC sheets are able to withstand harsh weather conditions, including UV radiation. These sheets maintain their optical properties for several years and are suitable for industries such as construction and signage. ACRYLIC's mechanical and optical properties make it an excellent replacement for glass. Sizes available are : 1220x1830, 1220x2440, 2050x3050 mm. Thickness : 1.7mm to 20.0 mm



High transparency



Harsh weather resistant



Good light transmission



High impact strength



Light weight



Advertising and signage applications



POP display and shop fixtures



Architecture



Furniture and accessories

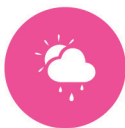


HIGH IMPACT ACRYLIC (HIPMMA)

SABIN® High Impact Extruded acrylic sheets are made of impact modified resin and the sheets are up to 10 times stronger than general-purpose acrylic, 30 times stronger than double-strength window glass and 50 times stronger than polished wire glass or other glasses. That strength equates to superior tolerance to shipping and handling. Sizes available are : 1220x1830, 1220x2440, 2050x3050 mm. Thickness : 1.7mm to 20.0 mm



High impact strength



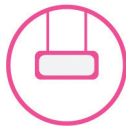
Harsh weather resistant



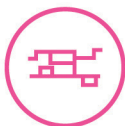
Good light transmission



Light weight



Advertising and signage applications



POP display and shop fixtures



Architecture



Furniture and accessories



ABS

SABIN® ABS sheets (Acrylonitrile Butadiene Styrene) have good impact strength, formability and high rigidity. ABS sheet appears in a number of industries for a variety of reasons. ABS plastic sheet can be molded into practically any shape and comes in many colors. It is durable and works well in situations where both strength and flexibility are needed. Sizes available are : 1220x1830, 1220x2440, 2050x3050 mm. Thickness : 2.0mm to 8.0 mm



Recyclable



Suitable for thermoforming



Good electrical resistance



Stability under stress



Can be painted



Automotive parts



Appliance covers



Instrument panels



Automobile glazing



GPPS

SABIN® GPPS sheets (General Purpose Polystyrene) are made from Polystyrene particles. They are characterized by a high degree of light transmission and high transparency, which makes them ideal for glazing frames and ceiling lights. GPPS is a low maintenance and lightweight thermoplastic which comes with high gloss and sparkling clarity due to its amorphous nature. It is widely used in fabrication and gives exceptional results.

Sizes available are : 1220x1830, 1220x2440, 2050x3050 mm. Thickness : 1.7mm to 12.0 mm



High transparency



Low water absorption



High brightness level



Good light transmission



Dimensional stability to heat



Bath and shower screens



Poster and photo frames



Storage containers



Lamps and ceiling lights



HIPS

HIPS Sheets, (High Impact Polystyrene) is considered as an industry standard thermoplastic. It is a stiff, tough plastic material that is widely used in the creation of models and lower heat applications. HIPS Sheet is a low cost, odorless, non-toxic plastic sheet and is used for indoor signs and lithographs, prototypes, packaging, and toys.

Sizes available are : 1220x1830, 1220x2440, 2050x3050 mm. Thickness : 1.7mm to 12.0 mm



Recyclable



Good insulation



High impact strength



Good heat resistance



Durable



Signage applications



Moisture barriers



Thermoforming



Medical trays



SAN

SABIN® SAN sheets (Styrene Acrylonitrile) are characterized by good optical properties, low weight and outstanding surface. They are easy to handle, to vacuum form and show a very good dimensional stability. SAN transparent Styrene-Acrylonitrile copolymer sheets are an excellent solution when an improved heat, chemical and weathering performance is required compared to Polystyrene. Sizes available are : 1220x1830, 1220x2440, 2050x3050 mm. Thickness : 1.7mm to 12.0 mm



Recyclable



Good insulation



High impact strength



Good heat resistance



Durable



Signage applications



Moisture barriers



Thermoforming



Medical trays



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