

Plazcast SMR

Cast Acrylic Metal Reinforced Panel

SOLID SHEETS 





PLAZCAST SMR CAST ACRYLIC METAL REINFORCED PANEL

DESCRIPTION

PLAZCAST SMR is the only reinforced sheet that keeps silver retaining properties for life, other nylon solutions degrade after 10 years.

Plazcast SMR is an excellent solution complying with the European regulations for installation of acoustic elements along bridges (patent granted). Metallic stainless steel lines in acrylic matrix show a high contrast preventing birds from colliding with them. Contrast does not fade with time; stainless steel will not corrode for years.

Plazcast SMR is the only reinforced sheet that keeps silver retaining properties for life. Panels can be machined and hot bended according to architectural and acoustic design.

Graffiti can be easily cleaned from panels and scratches repaired by methods on acrylic surfaces. Available in 16 mm thick sheets, Selectogal is easy to install, long lasting, offers an aesthetic roofing solution and can be used for interior design and projects as well.

Properties

- Acrylic reinforced sheet with 2mm diameter stainless steel rods and stainless steel wires, at a distance of 30mm between them, (32 ± 0.5 mm center to center)
- Complying with the European regulations

Applications



Reinforced transparent sheets

Main advantages

- Panels can be machined and hot bended
- Easily cleaned
- High contrast preventing birds from colliding

PLAZCAST SMR - TECHNICAL SPECIFICATIONS

Thickness (mm)	Satisfactory Performance for the design wind load	Noise Reduction (Category B3)	
		R _w	DL _R
15	1600 N/m ²	32 dB	30 dB
20	1900 N/m ²	34 dB	32 dB

| * ASTM C177 TNO | ** ASTM D1003

Standard Sheet Length: 6/12 m. Other colors on request.

Service Temperature:

-40°C – 120°C for short time service

-40°C – 100°C over time the warranty of the product

Thermal Expansion: 2.5 mm/m for Clear, Ice, NGL, 4.5 mm/m for dark colors.

THE PLAZIT POLYGAL GROUP



With over 40 years experience, the Plazit Polygal Group is one of the leading international specialist manufacturers of thermoplastic sheets for numerous applications, respected worldwide for its wide range of innovative and high quality products and expert technical support.

With our globally spread production plants located in the USA, Chile, Bulgaria, Russia, Spain and Israel we provide fast, close to the market service to our clients worldwide.

As a global group we are committed to providing our customers with outstanding technical and commercial support, continuous product development, flexibility and swift response times - these commitments are key to all our activities.

The Plazit Polygal Group facilities are all certified according to the highest international standards in order to continuously supply superior quality products. Amongst our certifications: ISO 9001, fire and health certifications, as well as other international engineering standards.

Plazit-Polygal Group is a member of EPSE (European Polycarbonate Sheet Extrusion), which groups the leading PC extrusion producers in the world and of EPDA (European Plastics Distribution Association).