

FLAT
ACRYLIC
SHEET

Marcryl FS

Design
& Display

 **Brett
Martin**

Give your projects

Added Brilliance

With Brett Martin's Marcryl FS

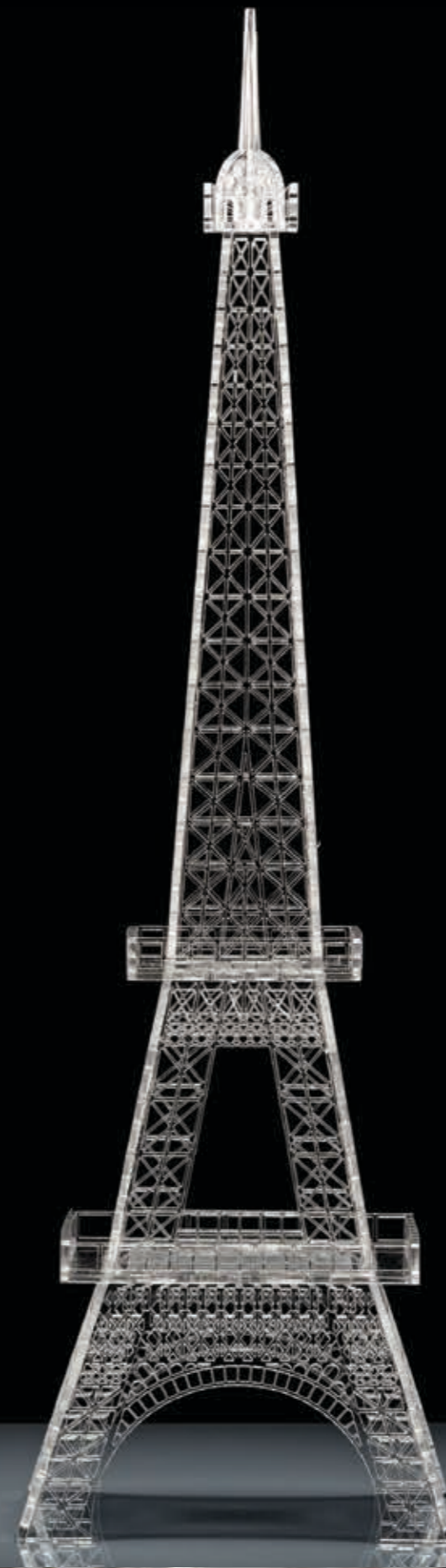
**Marcryl
FS**

**Marcryl
FS Eco**

Marcryl FS is a top quality extruded acrylic sheet, with a high gloss finish that offers a combination of excellent optical clarity and weatherability at only half the weight of glass.

Strict production and quality control ensure a highly consistent premium product suitable for a wide variety of applications in the display, fabrication and glazing industries.

We also offer Marcryl FS Eco, an environmentally friendly acrylic flat sheet containing at least 50% regrind raw material.



Marcryl FS

Marcryl FS Eco

The gloss and shiny finish of Marcryl FS give the material a bright feel, achieving visually stunning effects. When the edges are polished, their perfect transparency makes Marcryl the ideal choice for use in interior design, point of sale and display applications.

Marcryl FS Eco is manufactured using at least 50% regrind which is produced on-site under closely monitored conditions to ensure consistent quality.

Applications

- 3D displays
- Furniture and interior design projects
- Creative artwork
- Illuminated and non-illuminated signage
- High traffic acoustic barriers
- Menu boards
- Point of sale
- Poster covers and picture framing
- Glazing

Glass like clarity without the weight



Marcryl FS provides exceptional optical clarity, offering a light transmission of 92% at 3mm thickness, but with only half the weight of glass. Combined with a high quality surface, it is particularly suitable for those projects that require high transparency and impact strength including glazing, machine guards, poster covers, partition walls, interior design projects and point of sale displays.

Creating Attractive Designs



Marcryl FS can be easily fabricated, bent and formed to create different designs. Its scratch resistance makes it the perfect choice for applications with increased risk of scratches and scuff marks. It has a glossy, shiny finish. Flame polishing its edges makes it a visually attractive option for point of sale and decorative displays, in-store fixtures, furniture and interior design projects.

Outstanding Weatherability



Marcryl FS has excellent weatherability properties. It is naturally UV resistant and does not yellow over time, making it ideal for outdoor applications.

Eco Option Available



We believe in minimising on-site waste and reusing whatever production waste is unavoidably generated. Marcryl FS Eco, which contains at least 50% regrind, reduces the amount of acrylic waste that goes to landfill. Available in limited quantities, Marcryl FS Eco can be processed in the same way as standard Marcryl FS.

Product Options

**Marcryl
FS**

**Marcryl
FS Eco**

Material Properties

Property	Standard	Value	Unit
Density	ISO 1183-1	1.19	g/cm ³
Transmission @3mm	ISO 13468-1	92	%
Flexural Strength	ISO 178	105	MPa
Tensile Strength @Yield	ISO 527	72	MPa
Heat Deflection Temperature	ISO 75-2	95	°C
Thermal Expansion	ISO 11359-2	0.065	mm/m°C
Service Temp - Long Term	-	-20 to +80	°C

Processing

- Digital and screen printing
- Vinyl application
- Fabrication
- Routing, milling, sawing
- Guillotining, die cutting
- Laser cutting
- Engraving
- Drilling
- Edge polishing
- Thermoforming
- Welding
- Laminating
- Bonding

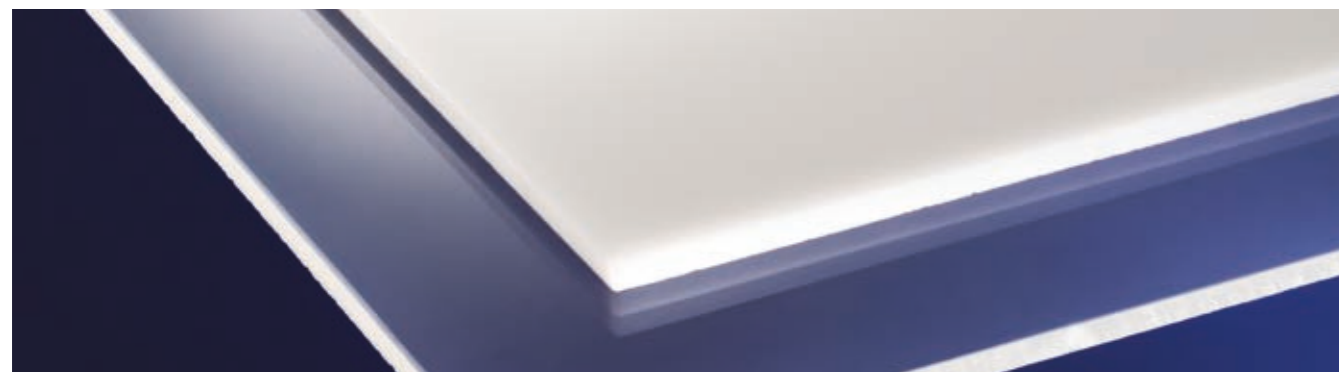
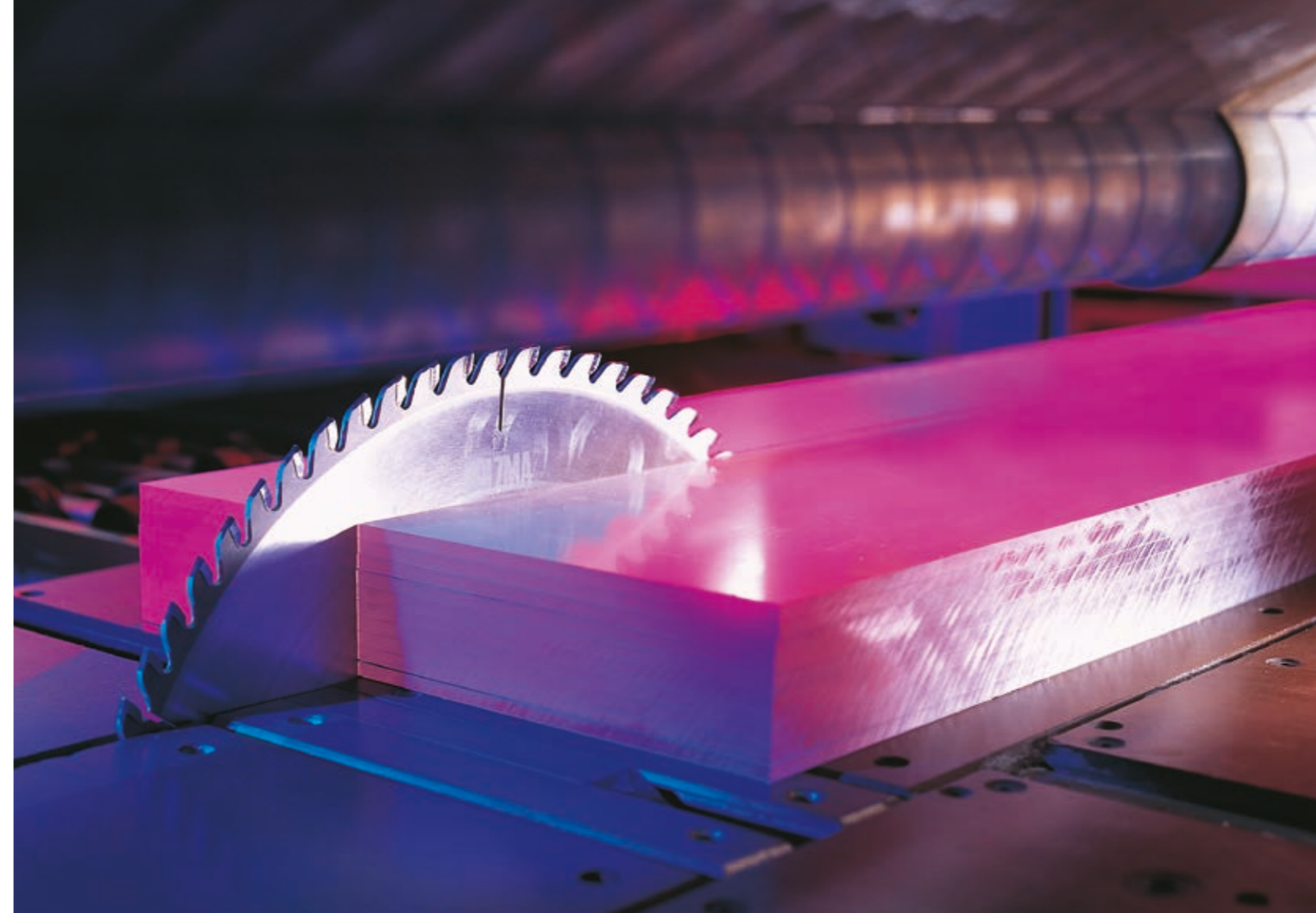
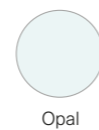
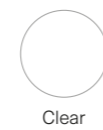
Marcryl FS Product Options

Sheet Size (mm)	Thickness (mm)
Clear	
1250 x 2500	2, 3, 4, 5, 6, 8 & 10
2050 x 3050	2, 3, 4, 5, 6, 8 & 10
Opal	
2050 x 3050	3, 4, 5

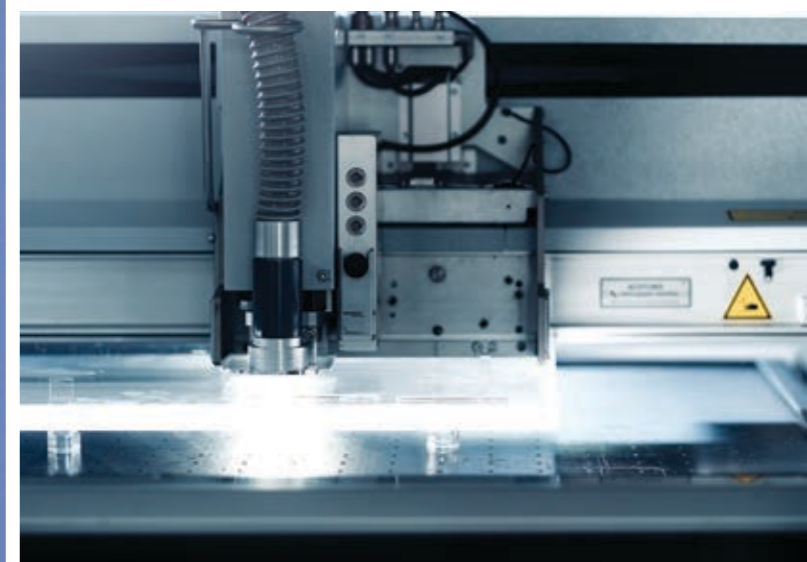
Marcryl FS Eco* Product Options

Sheet Size (mm)	Thickness (mm)
1250 x 2050	1.9, 3.8

*Limited Availability



For further technical or processing information go to brettmartin.com/marcrylfs or contact our Technical Department.



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