

Marcryl FS

Flat Sheet Acrylic 3mm

Marcryl FS flat extruded acrylic sheet is an excellent alternative to glass. It has a high gloss finish, good optical clarity, very high light transmission and excellent weatherability, at only half the weight of glass.

Product Features

- Glass like optical quality
- Easily machined and fabricated
- Easy to edge polish

Colour*	Light Transmission
Clear (S)	92%
Opal (AG)	34%

Standard Sheets*	
Thickness	3mm
Sheet Size	2050 x 3050 1250 x 2500
Sheet Weight	3.57kg/m ²

*Non-standard colours and sheet sizes are available subject to minimum order quantities.

Applications	
Glazing	Display
Fabrication	Point of Sales
Poster Covers	Illuminated Signage

Recycling

Marcryl FS is 100% recyclable and reusable if separated from other materials at the end of its life cycle. Acrylic is a widely recycled material - contact your local recycling centre for more information.

Installation

Applications of Marcryl FS must make adequate allowance for thermal movement, nominally 3.5 mm per metre. Adequate clearance must be allowed in the holes drilled for fixing and sheet lengths have to be limited so that there is not excessive movement at the ends.

3mm sheets can be cold curved down to a minimum radius of 990mm. For good design practice it is advised that a 3mm flat sheet not be curved below 1050mm. It is essential that compatible gaskets or silicon be used in installation.

Service Temperature

Marcryl FS mechanical performance is known to remain stable in prolonged service in temperatures ranging from -20 to +80°C. Therefore it can be installed in a diversity of applications, with varying temperatures.

Storage & Handling

Marcryl FS is best stored indoors under ambient warehouse conditions up to 20°C, away from direct sunlight, in a cool dry store. In case of outdoor storage, additional all-round cover is necessary. The surface masking film should remain on the sheet until it is ready for use. Avoid standing sheets on end. Pallets should be stacked no more than three high.

Maintenance

Lukewarm water, ordinary non-abrasive household detergent and a sponge or soft cloth is normally sufficient, however for degreasing and cleaning prior to secondary operations the following solvents are suitable: ethanol and isopropanol. The cleaning process should then be repeated after using solvents and the sheet well rinsed.

Additional Information

Separate datasheets are available; please contact the Technical Department for the most current information.