

# ACRYCAST

THE MOST VERSATILE OF ALL  
THERMOPLASTICS

**CAST ACRYLIC**

Acrycast® Acrylic is a premium quality branded product with over 20 years of proven performance in global markets. Offering a variety of colours, finishes, and thicknesses, as well as a wide range of sheet sizes. Acrycast® is a cast sheet that is manufactured by casting liquid methyl methacrylate between two plates of glass and putting it through a curing process. The sheets have outstanding physical, mechanical, optical and chemical resistance and thermal properties.

# ACRYCAST RANGE



## Clear Acrylic

Clear Acrylics are the ideal material for point of sale displays, window - boats, race cars and sight glasses. Clear acrylics can be easily cleaned with household cleaners (opposed to polycarbonate). 10 year warranty.

Sheet Size:  
2440mm x 1220mm  
2490mm x 1880mm  
3050mm x 2030mm

Sheet Thickness:  
1.5mm | 2mm | 3mm | 4.5mm  
6mm | 8mm | 10mm | 12mm  
15mm | 20mm | 25mm | 30mm  
40mm | 50mm



## Opal Acrylic

With approximately 45% light transmission vs white opaque acrylic, opal acrylics are generally used in splash backs.

Sheet Size:  
2440mm x 1220mm  
2490mm x 1880mm  
3050mm x 2030mm

Sheet Thickness:  
2mm | 3mm | 4.5mm  
6mm | 8mm | 10mm | 12mm  
15mm | 20mm | 25mm | 30mm



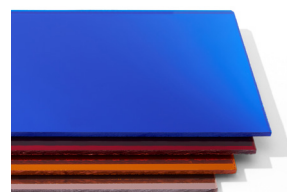
## Coloured Acrylics (24 colours including Black and White)

High gloss, coloured acrylics are generally fabricated to create cut letters/logos or used as a base substrate (especially black and white). Varying degrees of opacity in the range. 10 year warranty depending on colour.

Sheet Size:  
2440mm x 1220mm  
2490mm x 1880mm  
3050mm x 2030mm

Sheet Thickness:  
3mm | 4.5mm | 6mm | 10mm  
12mm | 15mm | 20mm

\*All colours available in 3mm only. Black, white and grey tints available in all thicknesses.



## Mirror (9 Colours)

Ideal glass mirror substitute or where impactful mirror finishes are desired. Highly reflective.

Sheet Size:  
2440mm x 1220mm

Sheet Thickness:  
3mm

### SPECIFICATIONS

Outdoor Durability	10 Years
Channel Letters	★ ★ ★
Digital Printing	★ ★
Chemical Resistance	★ ★
Rigidity	★ ★ ★ *(Rigidity will increase as thickness increases)
Impact Resistance	★ ★
Back Lighting Applications	✓ * (With the exception of opaque colours)
Bending	✓
Thermoforming	✓
Laser Cutting	✓
Router Cutting	✓

★ LOW ★ ★ MEDIUM ★ ★ ★ HIGH

Not all finishes available in all sizes & thicknesses. Product performance & suitability to be used as a guide only. Please contact your local Dotmar Engineering Plastics for more information.

## ACRYCAST COLOUR RANGE

							
<b>Clear*</b> 000	<b>Opal*</b> 445	<b>Skylight Opal*</b> 422	<b>Gloss White*</b> 401	<b>Gloss White*</b> 475	<b>Black</b> 502	<b>Clear Satin</b> ST1/ST2	<b>White Satin ST1</b> 401
ACRYCLEAR - Clear		ACRYOPAL - Opal		ACRYWHITE - White		ACRYSAT - Satin	
							
<b>White Opal Satin*</b> 475	<b>Skylight Opal Satin</b> 442	<b>Opal Satin ST1*</b> 445	<b>Black Satin ST1</b> 501	<b>Black Satin ST2</b> 502			
							
<b>Magenta</b> 100	<b>Red</b> 115	<b>Orange Red*</b> 128	<b>Red</b> 136	<b>Pink</b> 158	<b>Gold Yellow*</b> 212	<b>Yellow</b> 235	<b>Orange*</b> 266
ACRYCOL - Coloured							
							
<b>Blue</b> 302	<b>Blue</b> 322	<b>Blue</b> 324	<b>Blue</b> 327	<b>Green*</b> 347	<b>Green</b> 348	<b>Green Edge</b> 370	<b>Purple</b> 377
							
<b>Grey</b> 504	<b>Ivory</b> 801	<b>Blue</b> 835	<b>Pink</b> 997	<b>Orange</b> 992	<b>Red</b> 102	<b>Orange</b> 202	<b>Light Grey</b> 332
					ACRYTINT - Tinted		
							
<b>Green</b> 362	<b>Fluoro Green</b> 933	<b>Grey Tint</b> 531	<b>Dark Grey</b> 512	<b>Mirror Silver*</b>	<b>Gold Mirror*</b> 1300	<b>Rose Gold Mirror*</b> 1350	<b>Grey Mirror*</b> 1300
				ACRYMIR - Mirrored			
							
<b>Amber Mirror*</b> 1450	<b>Red Mirror*</b> 1400	<b>Blue Mirror*</b> 2424					

\*Available with PE (Polyethylene) Masking

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\*Colours are digitally reproduced for display purposes only and are not 100% accurate. For an exact colour match please contact your local Dotmar Engineering Plastics.

# DOTMAR

SINCE 1967



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