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FABBACK® Coloured Acrylic Mirrored Sheet Properties

PLASKOLITE

FABBACK® The most popular lightweight and flexible coloured acrylic mirror substrate available in 20 colours 3mm thick with two colours in 6mm. Coloured Acrylic Mirror may be saw cut, router cut or laser cut. A cutting service is available using our wall saw.

- Amber 2422
- Blue 1000
- Blue 2069
- Blue 2424
- Bronze 1600
- Bronze 2404 (3/6mm)
- Gold 1300
- Green 2414
- Green 4674
- Grey 1050
- Grey 2064 (3/6mm)
- Orange 1119
- Pink 1450
- Purple 1020
- Rose Gold 1350
- Red 1310
- Red 1400
- Red 2423
- Teal 2120
- Yellow 2208

Typical Properties

Physical	**Test Method**	**Units**	**Values**
Specific Gravity/Relative Density	ASTM D-792		1.19
Water Absorption	ASTM D-570		%
Mechanical	**Test Method**	**Units**	**Values**
Tensile Strength	ASTM D-638	psi	11,030**
Tensile Modulus of Elasticity	ASTM D-638	psi	490,000**
Flexural Strength	ASTM D-790	psi	17,000**
Izod Impact Strength - Notched	ASTM D-256	ft lb/in Notch	0.4**
Rockwell Hardness	ASTM D-785		M-95**
Thermal	**Test Method**	**Units**	**Values**
Maximum Recommended Continuous Service Temperature		°F	160
Deflecting Temperature @ 264 psi (1.8 MPa)	ASTM D-648	°F	203**
Deflecting Temperature @ 66 psi (0.45 MPa)	ASTM D-648	°F	207**
Coefficient of Thermal Expansion	ASTM D-696	in/(in-°F)	3.0 x 10-5**
Flammability (Burning Rate)	ASTM D-635	In/minute	1.0**
Smoke Density Rating	ASTM D-2843	%	3.4**
Self-Ignition Temperature	ASTM D-1929	°F	833**

*Typical Properties are not intended for specification purposes
** Applicable to the acrylic substrate

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee as conditions and methods of use are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale.