

FABBACK[®] Textured Acrylic Mirrored Sheet Properties

PLASKOLITE

FABBACK[®] The most popular lightweight and flexible mirror substrate available in the widest range of thicknesses and sizes. Acrylic mirror may be saw cut, router cut or laser cut.

Textured acrylic mirror is available in two interesting textures for special design needs. Non Glare (or satin mirror as it is sometimes called) and PL-21 Prismatic.

A cutting service is available using our wall saw.

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