

3M Data Sheet

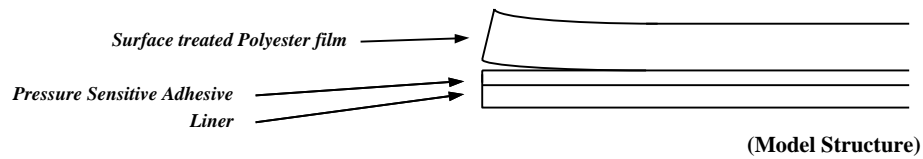
Fasara™ GlassShade

Product

Luna Pico, Luna Cell, Illumina, Luce

Fasara GlassShade are designed and developed especially for the interior glazing.
Fasara satisfies Shatter Resistant performance defined by JIS A 5759 (almost the same as ANSI Z97.1 Shot Bag Impact Test 100feet-lb).

Structure



Feature

- 1.Fasara shows the same performance as Scotchshield SH2CL shatter resistant film in the test of Interlayer Displacement defined in JIS A 5759.
- 2.Fasara cuts UV ray to retard sun burn of color or furniture.

Physical Property

Product	Color	Thickness (without Liner) (micro m)	Adhesion		Break Strength		Elongation (%)
			(N/25mmW)	(kgf/10mmW)	(N/25mmW)	(kgf/10mmW)	
SH2FGCL	Luna Cell	75	7.0	(app.0.29)	200	(app.8.2)	100
SH2FGPC	Luna Pico						
SH2FGIM	Illumina						
SH2FGLU	Luce						

Measured by the method defined in JIS A 5759

Optical Property

Product	Shading Coefficient	Solar Heat			Visible Light		UV	U value	
		Reflectance (%)	Transmittance (%)	Absorbance (%)	Reflectance (%)	Transmittance (%)	Transmittance (%)	(W/m ² K)	(kcal/m ² h)
		SH2FGCL	0.59	17	35	48	24	31	1以下
SH2FGPC	0.60	17	36	47	24	32	1以下	6.1	(約5.2)
SH2FGIM	0.62	14	48	38	19	49	1以下	6.0	(約5.2)
SH2FGLU	0.59	17	35	48	25	31	1以下	6.1	(約5.2)

Measured by the method defined in JIS A 5759

Specimen: Film laminated 6mm thick float glass (Face of incidence: glass surface)

Shatter Resistance

Fasara applied glass satisfies the performance of shatter resistant test, Type A and Type B, defined in JIS A5759.

*The above numbers are not guaranteed, and those would be changed without announcement.