

3M Data Sheet

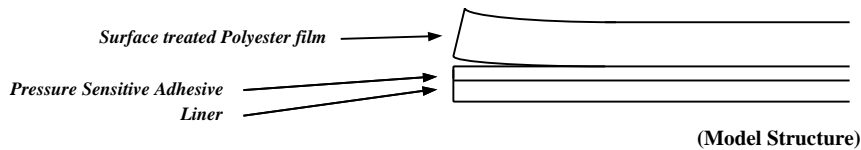
Fasara™ GlassShade

Product

**SH2PT SA SH2PT YA SH2EM OS SH2EM I
SH2PT RK SH2EM CH SH2EM ES
SH2DG ST SH2DG RM**

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 (withou Liner) (micro m)	Adhesion		Break Strength		Elongation (%)
			(N/25mmW)	(kgf/10mmW)	(N/25mmW)	(kgf/10mmW)	
SH2PT SA	SAGANO	75	7.0	(app.0.29)	200	(app.8.2)	100
SH2PT YA	YAMATO						
SH2EM OS	OSLO						
SH2EM LA	LAUSANNE						
SH2PT RK	RIKYU						
SH2EM CH	CHAMONIX						
SH2EM ES	ESSEN						
SH2DG ST	SEATTLE						
SH2DG RM	ROMA						
		100					

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)
SH2PT SA	0.75	12	55	33	16	53	<1	5.9	(App.5.1)
SH2PT YA	0.75	11	54	35	15	52	<1	5.9	(App.5.1)
SH2EM OS	0.89	8	71	21	9	77	<1	5.9	(App.5.1)
SH2EM LA	0.90	8	72	20	9	82	<1	5.9	(App.5.1)
SH2PT RK	0.69	13	47	40	18	47	<1	5.9	(App.5.1)
SH2EM CH	0.67	20	47	33	29	47	<1	5.9	(App.5.1)
SH2EM ES	0.67	19	48	33	23	55	<1	5.8	(App.5.0)
SH2DG ST	0.80	13	62	25	19	65	<1	5.9	(App.5.1)
SH2DG RM	0.79	13	60	27	19	62	<1	5.9	(App.5.1)

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.