

3M Data Sheet

Fasara™ GlassShade

Product

SH2FGAR Aerina

Fasara™ Glass Shade SH2FGAR is a matte film with Japanese paper design decoration, which is designed and developed especially for 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

Transparent polyester film with surface treated for Japanese paper design
Pressure Sensitive Adhesive
Liner

(Model Structure)

Feature

- 1.A film looks like Japanese paper design, so its appearance after application has a kind of Japanese Paper Door taste texture.
2. These films can also be suitable for blinding purpose just like Japanese Door and also for glazing decoration of Japanese texture
- 3.Fasara shows the same performance as Scotchshield SH2CL shatter resistant film in the test of Interlayer Displacement defined in JIS A 5759.
- 4.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) | | (N/25mmW) | | |
| SH2FGAR | Aerina | 70 | 15.0 | | 200 | | 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°C) |
| SH2FGAR | 0.86 | 10 | 69 | 21 | 12 | 75 | <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.