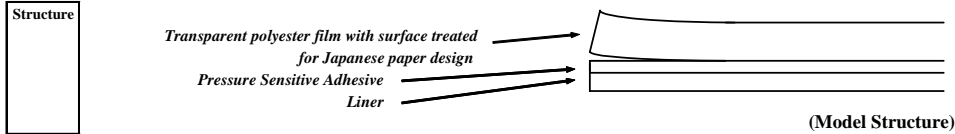


3M Data Sheet

Fasara™ GlassShade

Product SH2FGAT SH2FGVG

Fasara™ Glass Shade SH2FGAT and SH2FGVG are matte film with Japanese paper design decoration, which 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).



- 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 bonding 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 (without Liner) (micro m) | Adhesion | | Break Strength | | Elongation (%) |
|---------|--------|-------------------------------------|-----------|-------------|----------------|-------------|----------------|
| | | | (N/25mmW) | (kgf/10mmW) | (N/25mmW) | (kgf/10mmW) | |
| SH2FGAT | Aitair | 83 | 7.0 | (?0.29) | 200 | (?8.2) | 100 |
| SH2FGVG | Vega | 83 | 7.0 | (?0.29) | 200 | (?8.2) | 100 |

Measured by the method defined in JIS A 5759

Optical Property

| Product | Shading Coefficient | Solar Heat | | | Visible Light | | | U value | |
|---------|---------------------|-----------------|-------------------|----------------|-----------------|-------------------|-------------------|---------|------------|
| | | Reflectance (%) | Transmittance (%) | Absorbance (%) | Reflectance (%) | Transmittance (%) | Transmittance (%) | (W/?K) | (kcal/?h?) |
| SH2FGAT | 0.73 | 12 | 52 | 36 | 16 | 52 | <1 | 5.8 | (App.5.0) |
| SH2FGVG | 0.71 | 12 | 49 | 39 | 16 | 48 | <1 | 5.8 | (App.5.0) |

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.