

## SUREGUARD 250 MICRON SECURITY FILM

250 Micron Security Film



A multi ply safety and security film designed to upgrade existing glass to BS6206A. This material increase Security, protects against injury. is also used for an Anti Shatter and Bomb Blast Protection

### BENEFITS

- Improves Glass Safety
- Protects Against Injury
- Protects Against Flying Glass
- Improves Building Security
- Reduces Clear Up Time
- Limits Fading of Furnishings

### PERFORMANCE DATA

|                                       |   |            |
|---------------------------------------|---|------------|
| Total Solar Energy Rejection          | % | 21         |
| Solar Heat Gain Reduction             | % | 7          |
| Visible Glare Reduction               | % | 6          |
| Shading Co-efficient                  | % | .91        |
| Visible Light Transmission            | % | 84         |
| Visible Light Reflection              | % | 12         |
| Ultra Violet Transmission - Less than | % | <99        |
| Total Solar Absorption                | % | 16         |
| Total Solar Reflection                | % | 11         |
| Total Solar Transmission              | % | 73         |
| U' Factor                             |   | 5.89       |
| Film Construction & Thickness         |   | 250 Micron |
| Film Colour                           |   | Clear      |

### CERTIFICATIONS & PERFORMANCE

|                                   |                     |
|-----------------------------------|---------------------|
| BS6206 Classification             | BS6206 Class A      |
| BSEN Classification               | BS EN12600 Class 1A |
| ANSI Classification               | ANSI Z97.1 Class A  |
| Peel Strength after one week      | >2500               |
| Tensile Strength at Break (MD/TD) | 200                 |
| Elongation at Break MD            | >100%               |

### FILM / GLASS COMPATIBILITY GUIDELINES

| Glass Type      | Clear S/G | Clear D/G | Tinted S/G | Tinted D/G |
|-----------------|-----------|-----------|------------|------------|
| Float /Annealed | Yes       | Yes       | Yes        | Yes        |
| Toughened       | Yes       | Yes       | Yes        | Yes        |
| Laminated       | Yes       | Yes       | Yes        | Yes        |
| Georgian Wired  | Yes       | Yes       | Yes        | Yes        |

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All values are as applied to 6mm clear glass and as determined by the manufacturers and independent testing laboratories.