

# 4 mil Clear

## MECHANICAL PROPERTIES

|                           |             |
|---------------------------|-------------|
| Thickness                 | 4 mil       |
| Tensile Strength at Break | 28,500 PSI  |
| Break Strength            | 112 lb/inch |
| Elongation at Break       | 125 %       |
| Peel Strength             | 7 lb/inch   |

## OPTICAL & SOLAR PROPERTIES

|                                  | 3mm Single |
|----------------------------------|------------|
| Visible Light Transmitted        | 89%        |
| Visible Light Reflected (Int)    | 10%        |
| Visible Light Reflected (Ext)    | 10%        |
| Ultra Violet Block               | 97%        |
| Total Solar Energy Reflected     | 9%         |
| Total Solar Energy Transmitted   | 81%        |
| Total Solar Energy Absorbed      | 10%        |
| Glare Reduction                  | 1%         |
| Shading Coefficient              | 0.96       |
| Solar Heat Gain Coeff. (G-Value) | 0.84       |
| U-Value Winter (IP)              | 1.07       |
| U-Value Winter (SI)              | 6.07       |
| Total Solar Energy Rejected      | 16%        |

R12306T PS

## SAFETY ACCREDITATIONS

|               |  |       |
|---------------|--|-------|
| Impact        | AS/NZS 2208                              | ✓     |
|               | ANSI Z97.1 (12" pendulum fall)           | ✓     |
|               | ANSI Z97.1 (18" pendulum fall)           | ✓     |
|               | CPSC 1201 Category 1 (18" pendulum fall) | ✓     |
|               | CPSC 1201 Title 16 (48" pendulum fall)   | ✓     |
|               | BS 6206 Class B                          | ✓     |
|               | EN 12600 Class 2B2                       | ✓     |
| Anti Graffiti | Paris Metro Anti Graffiti                | ✓     |
| Fire          | ASTM D1929 Ignition                      | ✓     |
|               | ASTM E84 Surface Burn                    | ✓     |
| Bomb Blast    | GSA Level C (4 psi, 30psi/msec)          | P(3B) |

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safety & security

