



X^e RHE 35 Technical Data

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| ● Solar Energy Transmission | 18% |
| ● Solar Energy Reflection - Exterior | 51% |
| ● Solar Energy Absorption | 30% |
| ● Visible Light Transmission | 25% |
| ● Visible Light Reflection - Exterior..... | 52% |
| - Interior | 47% |
| ● UV Transmission | <1% |
| ● Shading Coefficient (b Value) | 0.30 |
| ● Emissivity | 0.68 |
| ● U-Value (EN 673 W/m ² K) | 5.80 |
| ● Glare Reduction..... | 72% |
| ● Coefficient of Total Energy Transmission (g Value) | 0.26 |
| ● Thickness without Liner | 60µ |
| ● Total Solar Energy Rejected | 74% |

Characteristics & Benefits

The Optimal solution for buildings which have to deal with high solar heat gain and therefore high cooling costs.

- Special technology polimeric scratch resistant coating provides increased durability and easier cleaning - patent applied for.
- Significant improvement of working conditions - high reduction in solar heat gain.
- Reduction in air-conditioning costs and hence a reduction in energy costs with potential payback of less then 3 years.
- Potential to reduce CO₂ emission by tens of tonnes per year.
- Daylight privacy - 'one way' mirror effect can be achieved under the correct lightning conditions.
- Excellent glare reduction for reduced eyestrain and easier working with computer screens.
- Excellent UV filtering integral to the polyester - helps to reduce fading textiles, furniture, and works of art.
- Extremely well adapted to signal, double and double low-E insulating glazing systems.
- **Exterior installation**