



X^e RHE 50 Technical Data

● Solar Energy Transmission	33%
● Solar Energy Reflection - Exterior	32%
● Solar Energy Absorption	35%
● Visible Light Transmission	45%
● Visible Light Reflection - Exterior.....	30%
- Interior	27%
● UV Transmission	<1%
● Shading Coefficient (b Value)	0.48
● Emissivity	0.69
● U-Value (EN 673 W/m ² K).....	5.80
● Glare Reduction.....	47%
● Coefficient of Total Energy Transmission (g Value)	0.42
● Total Solar Energy Rejected	58%

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**