RHE20 SI ER HPR

Technical data according to EN 410 and EN 673	4 mm single	4 / 16 / 4 mm double
Corrected emissivity of uncoated glass surface	0.837	
Solar Energy Transmission, $ au_{\rm e}$	10 %	9 %
Solar Energy Reflection, ρ _e	62 %	62 %
Solar Energy Absorption, a _e	28 %	29 %
Visible Light Transmission, $ au_{\text{V}}$	14 %	13 %
Visible Light Reflection (External), ρ _{Ve}	65 %	65 %
Visible Light Reflection (Internal), ρ_{Vi}	61 %	59 %
Ultraviolet Transmission, $ au_{\text{UV}}$	< 0.1 %	
Ultraviolet Rejection	> 99.9 %	
g value	0.17	0.13
Shading Coefficient	0.19	0.14
Total Solar Energy Rejected	83 %	87 %
Glare Reduction	85 %	86 %
U value, single glazing (W/m².K)	5.70	-
U value, double glazing, Air filled (W/m².K)	-	2.70
Emissivity, $\boldsymbol{\epsilon}_{n}$	0.87	
Thickness without liner	60 µ	
Colour Rendering Index, R _a	84	82
Film Colour / Appearance	Silver	
Installation position	Exterior	
Warranty	7 years vertical / 5 years sloping (slopes 20 degrees or more from horizontal)**	
Installation Notes: Edge sealing required. Use Film On for installation.		

^{*} Please check the complete Film to Glass Thermal Stress Compatibility Guidelines **before** film installation. ** Contact Solutia Performance Films for full details. All values for engineering parameters are determined by the manufacturer and independent testing laboratories.



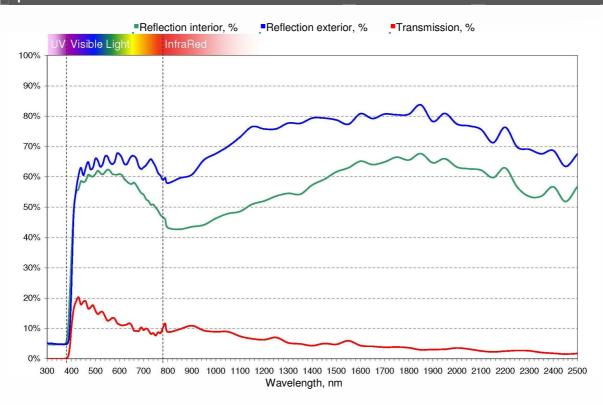


RHE20 SI ER HPR

Features & Benefits

- The optimal solution for buildings which have to deal with high solar heat gain and therefore high cooling costs
- Reflective solar control and privacy exterior grade film
- Special technology polymeric 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 than 3 years.
- Potential to reduce CO2 emissions by tens of tonnes per year
- Daylight privacy 'one way' mirror effect can be achieved under the correct lighting conditions
- Excellent glare reduction for reduced eyestrain and easier working with computer screens
- Excellent UV filtering integral to the polyester helps to reduce fading of textiles, furniture, and works of art
- Extremely well adapted to single, double and double low-E insulating glazing systems
- Helios G + version available with a 10 year warranty (at a little higher price, vertical glazing, project registration required)
- Exterior installation (can also be used for internal installation)

Spectra



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