

Solar Control and Energy Savings

Helios Bronze Exterior Film

NHE 35 BR ER HPR

Developmental Technical data [‡]	6mm single clear	6mm-12mm-6mm dual clear
Solar Energy Transmission, τ_e	17%	14%
Solar Energy Reflection, ρ_e	50%	51%
Solar Energy Absorption, α_e	33%	36%
Visible Light Transmission, τ_v	27%	24%
Visible Light Reflection (External), ρ_{ve}	32%	32%
Visible Light Reflection (Internal), ρ_{vi}	27%	30%
Ultraviolet Transmission, τ_{uv}	<1%	
Solar Heat Gain Coefficient	0.27	0.20
Shading Coefficient	0.31	0.24
Total Solar Energy Rejected	73%	80%
Glare Reduction	69%	70%
Film Colour / Appearance	Medium Bronze	
Installation position	Exterior	
Manufacturer's Limited Warranty	10 Years vertical / 5 Years sloping	

Installation Notes: Please follow Technical Bulletin 73 Installation, sealing and splicing guidelines and the NEW Technical Bulletin 85 Sealing with vinyl tapes. Do not use Dirt-Off or X-100 during installation.

Please check the complete Film to Glass Thermal Stress Compatibility Guidelines before film installation; Contact Eastman Performance Films for full details.

[‡]Based on data obtained during product development and subject to change. Data captured using National Fenestration Rating Council's (NFRC) guidelines on single nominal 6mm clear glass and dual nominal 6-12-6 mm clear glass. Reported values are taken from representative product samples and are subject to normal manufacturing variances. Actual performance will vary based on a number of factors, including glass type and properties.

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