

Product: Guardian® Dielectric Mirror - DM 60/40

Coating: DM 60/40

Glass surface coating position: Surface 1

Glass substrate: Guardian ExtraClear, Guardian UltraClear

Available thicknesses: Guardian ExtraClear: 3-8 mm, Guardian UltraClear: 3-8 mm

Max. available size: <3210x6000mm

Manufacturing options: Laminated, Bent, Single Product (Annealed and Heat Treated), TPF (Temporary Protective Film)

Key features

- 57% Reflectance-Coated Side
- 41% Light transmission
- 55% Reflectance-Glass Side
- Mirror effect for hidden displays

Performance values

Visible Light

- Transmittance (τ_v) 41 %
- Reflectance outside (ρ_v) 55 %
- Reflectance inside (ρ_v) 57 %
- General Color Rendering Index (CRI) 90

Ultraviolet

- Transmittance UV (τ_{uv}) 40 %

Solar Energy

- Solar transmittance (τ_e) 58 %
- Reflectance outside (ρ_e) 32 %
- Reflectance inside (ρ_e) 35 %
- Solar absorptance (α_e) 11 %
- Solar Factor (g) 60 %
- Shading Coefficient (sc) 0.69

Thermal properties

- U-Value (U_g) 5.7 W/m²·K

Calculated Values are in accordance with EN 410:2011 / EN 673:2011

Manufacturer: Guardian Glass

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Acoustic data: All acoustic data for your glazing configuration can be found at Glass Analytics

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