



## Clear Mirror

This is the most common silver mirror which provides unparalleled protection against corrosion, chemicals moisture and abrasion while adding beauty and elegance to any room. It is used indoors in, wall coverings, retail displays and fixtures, furniture and showcases, surfaces and tables, vanities and more.

Characteristic	Technical Requirements
Size Tolerance	± 2.0mm
Thickness tolerance	±0.3mm
Diagonal Difference	<diagonal average length's 0.2%
<b>Reflection Side:</b>	
Punctate defects	≤0.2 mm no counting 0.2-0.3mm, qty:1.35/m2 0.3-0.5mm, qty: 0.16/m2 0.5-1.0mm, qty: 0.1/m2
Thread defects	Bruchmark length ≤ 50mm, qty: 8/m2 Mirror surface scratch length ≤ 50mm, qty: 3/m2
Chipped/crack edge	Length/Width/Depth not exceed mirror thickness
Edge concave-convex	Not exceed 1/2 of mirror thickness
Corner concave-convex	Not exceed mirror thickness
Mildew stain	Macroscopic defects not allowed
<b>Back Paint:</b>	
Visible back paint scratch	Not allowed
Non-visible back paint scratch	Scratch length≤50mm, qty: 10/m2 Scratch length≤50mm, qty: 2/m2
Back paint dropped	Not allowed
<b>Performance:</b>	
Silver content in silver film	≤800 mg/m2
Lead content silver film	≤100mg/m2
Silver film's pencil hardness	≥2H
Protective layer adhesion	Row lattice method ≤ 2 grade.
Slat Spray test	Allow color fade in protective layer but not allowed bubbles in the surface: reflective layer doesn't allowed fade or muddy, 0.3 ≤ stain diameter >0.2 mm, allowed qty: 2, edge corrosion ≤ 1.5mm
Heat-resisting/moisture-proof	Reflective layer without fade Back paint not dropped
Visible light reflectivity	≥85

## Benefits of Using Clear Mirror:

- Excellent resistance to humidity.
- Strong performance in accelerated corrosion testing, including CASS and salt spray.
- Higher resistance to a wide range of household chemicals compared to traditional copper-manufactured mirrors.
- Reduced clouding due to copper oxidation, resulting in a superior mirror product.
- Contributes to environmental protection by eliminating toxic substances (e.g., copper, ammonia, and lead) during production.
- Improved resistance to aggressive agents found in certain cleaning products

Interglass cannot be held responsible for any deviation between the data introduced and the conditions on site. Technical specifications and other data are based on information available at the time of preparation of this document and are subject to change without notice. Data values were simulated using Optics 6 & used with Windows 5.2. The performance data is simulated, not actually measured.