

Technical Data Sheet



Copper-Free Mirror

This is the most corrosive resistant silver mirror in the market. It is used in doors, wall covering, retail displays and fixtures, furniture and case goods, surfaces and tables. Available in clear, low iron, bronze, and gray tints.

Country of Origin: China

Manufacturer: Taiwan Glass

Meets Standard: ASTM C1503

Characteristic

Technical Requirements

Size Tolerance	± 2.0 mm
Thickness tolerance	±0.3mm
Diagonal Difference	<diagonal average length's 0.2%
Reflection Side:	
Punctate defects	≤0.2 mm no counting 0.2-0.3mm, qty:1.35/m ² 0.3-0.5mm, qty: 0.16/m ² 0.5-1.0mm , qty: 0.1/m ²
Thread defects	bruchmark length ≤ 50mm, qty: 8/m ²
Chipped/crack edge	mirror surface scratch length ≤ 50mm, qty: 3/m ²
Edge concave-convex	Length/Width/Depth not exceed mirror thickness
Corner concave-convex	Not exceed 1/2 of mirror thickness
Mildew stain	Not exceed mirror thickness
Back Paint	Macroscopic defects not allowed
Visible back paint scratch	Not allowed
Non-visible back paint scratch	Scratch length≤50mm, qty: 10/m ² Scratch length≤50mm, qty: 2/m ²
Back paint dropped	Not allowed
Performance	
Silver content in silver film	≤800 mg/m ²
Lead content silver film	≤100mg/m ²
Silver film'spencil 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 doesnt 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