



Low-Iron Mirror

Low-Iron Mirror is characterized by a higher transparency and more neutral color, making it ideal where high reflection and clarity are required. Some of the features of this type of mirror are: brighter reflections, sharper focus, clearer images, better color, natural skin tones, whiter whites. Is use in most high-end places like spas, salons and retail spaces.

Characteristic	Technical Requirements
Size Tolerance	±6.0mm
Thickness tolerance	±0.2mm
Diagonal Difference	Less than 0.2% diagonal average length
Reflection Side:	
	≤0.3mm, no count
Punctate defects	0.3-0.5mm, 2/m ² 0.5-1.0mm, 1/pcs >1.0mm, not allow
	Brush marks
Thread defects	Length ≤ 50mm, 10 pieces/m ² Mirror scratch Length≤50mm,5 pieces/m ²
Chipped/crack edge	Length, width and depth do not exceed the thickness of the mirror
Edge concave-convex	No more than 1/2 mirror thickness
Corner concave-convex	No more than mirror thickness
Mildew stain	Visible defects are not allowed
Back Paint:	
Visible back paint scratch	Not allowed
Non-visible back paint scratch	Length≤50mm, 10 pieces /m ² Length>50mm, 2 pieces/m ²
Back paint dropped	Not allowed
Performance:	
Silver content in silver film	≥730mg/m ²
Lead content silver film	
Silver film's pencil hardness	≥2H
Protective layer adhesion	Grid determinations≤2 grade
	Allow discoloration on the protective layer, not allow bubble on surface Not allow discoloration or turbidity on the reflective layer
Slat Spray test	0.3≤Spot diameter<0.2mm Allow 2 Edge corrosions≤1.5mm
Heat-resisting/moisture-proof	Reflective film color not change Back paint without peeling
Visible light reflectivity	≥90

Benefits of Using Low Iron Mirror:

Due to its superior clarity, Low Iron Mirror reduces the greenish tint found in regular mirrors, this allows it to have greater enhanced clarity.

True Color Reflection makes a significant difference as colors are reflected more accurately, this is the reason why Low Iron Mirrors are used in dressing rooms, makeup studios or art galleries.

Low Iron mirror provides aesthetic superiority making the product be more appealing in modern designs.

Durable and Long-lasting are one of the key benefits of using Low-Iron Mirrors.

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