



# RIDER GLASS COMPANY LIMITED

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## Performance Parameters --- MIRROR

Items		Quality Requirements	
		Mirror Quality (MQ)	Select Quality (SQ)
Thickness Tolerance (mm)	Thickness (mm)	Tolerance	Tolerance
	2	1.80-2.20	1.80-2.20
	3	2.70-3.00	2.70-3.00
	4	3.80-4.20	3.80-4.20
	5	4.70-5.00	4.70-5.00
	6	5.80-6.20	5.80-6.20
	8		7.70-8.30
	10		9.70-10.30
	12		11.70-12.30
Size Tolerance (mm)	Thickness (mm)	Stock Inventory Sheets	Cut Size
	2.0-6.0	±3mm	±2mm
	8.0-12.0	±6mm	±3mm
Bow & Dish (mm)	2.0-3.0	≤1.5mm/m	
	4.0-12.0	≤1.5mm/m	
Edge Quality (mm)	Flake	≤4mm	
	Bevel/Flare	≤3mm	
	Corner On/Off	≤4mm	
Over Score & Cutter Drag		Not allowed	Not allowed
Squareness	For all thickness	Diagonal measurement difference/2 ≤0.2% the diagonal length	
Optical Distortion	2.0-3.0mm	Zebra ≥50°	
	4.0-12.0mm	Zebra ≥55°	
Surface Flaws	Linear Flaws	When viewed under a normal fluorescent inspection light source	
		Not visible viewed at 0.5meter	Not visible viewed at 1 mter
	Spot Marks	Same as for linear flaws	Same as for linear flaws
Point Defects	Defect Size (d)	Number of defects allowed per square meter of glass	
	d ≤0.5mm	Allowed	
	0.5 < d ≤1.0mm	0.3	Allowed
	0.5 < d ≤1.5mm	0.1	0.2
	d ≥1.5mm	None	