

Product Name: Ultra Mirror – 6 mm

Quality Standards: CASS (Copper Accelerated Acetic Acid Salt Spray) test; ISO 9227
NSS (Neutral Salt Spray) test; ISO 9227
Condensation water test; EN 1036
Ferric Chloride Immersion test
Cross-Cut test; ISO 2409

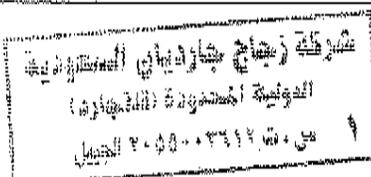
Quality Properties: CASS test = 100-200 microns
Black Edge Corrosion = 75 microns
Ferric Chloride Resistance = 100 microns/24hrs
Reflectance (luminous coefficient) = > 83%
Rub test = > 100 strokes
Cross Hatch = Max. 2
Mirror Reflectance = 80-85 %

Specification: Produced as per ASTM C 1503
Copper Free Mirror – User friendly
Coated with double layers of organic anti-corrosive paint
(base = Red color, top = Blue color) with manufacturing logo
Paint thickness = 42 - 52 microns
Palladium and GMP layers

Glass Specification: Produced as per JIS standards
Thickness range = + / - 0.3 MM
Size tolerance = + / - 2 mm
Glass Transmission = 70-75%
Approximate Glass Composition as per standards

SiO ₂ (%)	69 to 74 %
Na ₂ O (%)	10 to 16 %
CaO (%)	5 to 14 %
MgO (%)	0 to 6 %
Al ₂ O ₃ (%)	0 to 3 %
SO ₃ (%)	0 to 5 %
Fe ₂ O ₃ (%)	
TiO ₂ (%)	
K ₂ O (%)	

Moh - 70



Product Name : DecoCristal - 6mm

Quality Properties :

- Dry Film Thickness = 35 to 50 microns
- Pendulum Hardness = >100 strokes
- Cross Hatch = Max. 2
- Scratch Resistance = Good
- Humidity Test@40 deg C = 100 - 200 microns

Specification : DecoCristal
 Special Adhesion Promoter Layer with Black/White High Quality
 Decorative Paint
 Paint thickness = 35-50 microns

Glass Specification : Produced as per JIS standards

Thickness range = +/- 0.3 MM

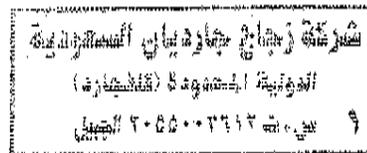
Size tolerance = +/- 2 mm

Glass Transmission = 70-75%

Approximate Glass Composition

	As per Standards
SiO ₂ (%)	69 to 74 %
Na ₂ O (%)	10 to 16 %
CaO (%)	5 to 14 %
MgO (%)	0 to 6 %
Al ₂ O ₃ (%)	0 to 3 %
SO ₃ (%)	0 to 5 %
Fe ₂ O ₃ (%)	
TiO ₂ (%)	
K ₂ O (%)	

Moh - FO



Product Name: Ultra Mirror – 6 mm Bronze color

Quality Standards: CASS (Copper Accelerated Acetic Acid Salt Spray) test; ISO 9227
NSS (Neutral Salt Spray) test; ISO 9227
Condensation water test; EN 1036
Ferric Chloride Immersion test
Cross-Cut test; ISO 2409

Quality Properties:

CASS test	=	100-200 microns
Black Edge Corrosion	=	75 microns
Ferric Chloride Resistance	=	100 microns/24hrs
Reflectance (luminous coefficient)	=	> 83%
Rub test	=	> 100 strokes
Cross Hatch	=	Max. 2
Mirror Reflectance	=	80-85 %

Specification: Produced as per ASTM C 1503-8
Copper Free Mirror – User friendly
Coated with double layers of organic anti-corrosive paint
(base = Red color, top = Blue color) with manufacturing logo
Paint thickness = 42 - 52 microns
Palladium and GMP layers

Glass Specification: Produced as per EN standards

Base glass	=	Float Bronze
Thickness range	=	+ / - 0.2 MM
Size tolerance	=	+ 1/ - 2 mm
Glass Transmission	=	70-75%

Approximate Glass Composition as per standards

SiO2 (%)	69 to 74 %
Na2O (%)	10 to 16 %
CaO (%)	5 to 14 %
MgO (%)	0 to 6 %
Al2O3 (%)	0 to 3 %
SO3 (%)	0 to 5 %
Fe2O3 (%)	
TiO2 (%)	
K2O (%)	

Handwritten signature/initials

شركة زجاج جارديان السعودية الدولية المحدودة
الجبيل الصناعية (القطيف)
س.ت ٢٠٥٥٠٠٣٦١٢ الجبيل

Product Name: Ultra Mirror - 6 mm Grey color

Quality Standards: CASS (Copper Accelerated Acetic Acid Salt Spray) test; ISO 9227
NSS (Neutral Salt Spray) test; ISO 9227
Condensation water test; EN 1036
Ferric Chloride Immersion test
Cross-Cut test; ISO 2409

Quality Properties:

CASS test	=	100-200 microns
Black Edge Corrosion	=	75 microns
Ferric Chloride Resistance	=	100 microns/24hrs
Reflectance (luminous coefficient)	=	> 83%
Rub test	=	> 100 strokes
Cross Hatch	=	Max. 2
Mirror Reflectance	=	80-85 %

Specification: Produced as per ASTM C 1503-8
Copper Free Mirror - User friendly
Coated with double layers of organic anti-corrosive paint
(base = Red color, top = Blue color) with manufacturing logo
Paint thickness = 42 - 52 microns
Palladium and GMP layers

Glass Specification: Produced as per EN standards

Base glass	=	Float Grey
Thickness range	=	+ / - 0.2 MM
Size tolerance	=	+ 1 / - 2 mm
Glass Transmission	=	70-75%

Approximate Glass Composition as per standards

SiO2 (%)	69 to 74 %
Na2O (%)	10 to 16 %
CaO (%)	5 to 14 %
MgO (%)	0 to 6 %
Al2O3 (%)	0 to 3 %
SO3 (%)	
Fe2O3 (%)	
TiO2 (%)	0 to 5 %
K2O (%)	

Handwritten signature/initials

شركة زجاج جارديان السعودية الدولية المحدودة
(القلفجار)
س.ت ٢٠٥٥٠٠٣٦١٢ الجبيل



ISO 9001:2008
FM 39391

Quality Certificate

Product Name:	Ultra Mirror – 6 mm		
Quality Standards:	CASS (Copper Accelerated Acetic Acid Salt Spray) test; ISO 9227		
	NSS (Neutral Salt Spray) test; ISO 9227		
	Condensation water test; EN 1036		
	Ferric Chloride Immersion test		
	Cross-Cut test; ISO 2409		
Quality Properties:	CASS test	=	100-200 microns
	Black Edge Corrosion	=	75 microns
	Ferric Chloride Resistance	=	100 microns/24hrs
	Reflectivity	=	> 88%
	Rub test	=	> 100 strokes
	Cross Hatch	=	Max. 2
Specification:	Produced as per ASTM C 1503-01		
	Copper Free Mirror – User friendly		
	Coated with double layers of organic anti-corrosive paint		
	(base = Red color, top = Blue color) with manufacturing logo		
	Paint thickness = 42 - 52 microns		
	Palladium and GMP layers		
Glass Specification:	Produced as per JIS standards	=	+ / - 0.3 MM
	Thickness range	=	+ / - 2 mm
	Size tolerance	=	70-75%
	Glass Transmission	=	SiO ₂ 71.6%
	Approximate Glass Comp.	=	Na ₂ O 14.4%
			CaO 9.2%
			MgO 4.0%
			Al ₂ O ₃ 0.4%
			K ₂ O 0.05%
			SO ₃ 0.2%
			TiO ₂ 0.05%
			Fe ₂ O ₃ 0.05%

Authorized signatory



For Saudi Guardian International Float Glass Company Limited