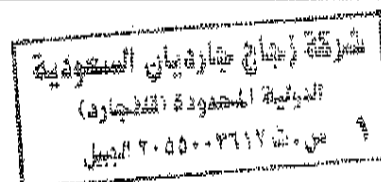


Product Name:	Ultra Mirror - 4MM		
Quality Standards:	CASS (Copper Accelerated Acetic Acid Salt Spray) test; ISO 9227 NSS (Neutral Salt Spray) test; ISO 9227 Condensation water test; EN 1036 Ferric Chloride Immersion test Ammonia Resistance test Cross-Cut test; ISO 2409		
Quality Properties:	CASS test	=	100-200 microns
	Black Edge Corrosion	=	75 microns
	Ferric Chloride Resistance	=	100 microns/24hrs
	Ammonia Resistance	=	No Failure
	Reflectance (luminous coefficient)	=	> 83%
	Rub test	=	> 100 strokes
	Cross Hatch	=	Max. 2
Specification:	Produced as per ASTM C 1503-08 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 - R- 3202 specifications Thickness range = 3.7 - 4.3 MM Size tolerance = +1/- 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 (%)	

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Product Name : DecoCristal - 4mm

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 : Deco Cristal (White, Pistachio, Orange, Fuchsia, Scarlet Red, Bordeaux and Black)
Special Adhesion Promoter Layer with High Quality Decorative Paint
Paint thickness = 35-50 microns

Glass Specification : Produced as per JIS standards

Thickness range = +/- 0.3 MM

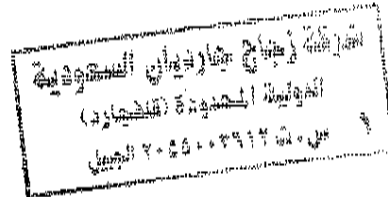
Size tolerance = + 1/ - 2 mm

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 (%)	

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ISO 9001:2008
FM 39391

Quality Certificate

Product Name :	Ultra Mirror - 4 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 Ammonia Resistance test Cross-Cut test; ISO 2409
Quality Properties :	CASS test = 100-200 microns Black Edge Corrosion = 75 microns Ferric Chloride Resistance = 100 microns/24hrs Ammonia Resistance = No Failure Reflectance (luminous coefficient) = > 83% Rub test = > 100 strokes Cross Hatch = Max. 2
Specification :	Produced as per ASTM C 1503-01 Copper Free Mirror - User friendly Double coat (base - Red color, top - Blue color) with manufacturing logo Paint thickness = 42-52 microns Palladium and GMP layers
Glass Specification:	Produced as per ASTM Standard C 1036-06 Thickness range = 3.78 to 4.19 mm Size tolerance = + / -1.6 mm Glass Transmission = 70-75% Approximate Glass Comp. = SiO ₂ 71.5% Na ₂ O 14.2% CaO 9.2% MgO 4.1% Al ₂ O ₃ 0.4% K ₂ O 0.1% SO ₃ 0.2% TiO ₂ 0.1% Fe ₂ O ₃ 0.1%

Authorized signatory

For Saudi Guardian International Float Glass Company Limited
Al-Jubail - Kingdom of Saudi Arabia