

6mm Standard Two-Way Mirror TECHNICAL SPECIFICATION SHEET



Product Code: MIRG6VTWM

Application: Cutting, Polishing, Bevelling, Bending, Tempering, Lamination

Areas of Use: It can be used in security units, in police stations for observing in interrogated person from a separate room or for identification of suspects by eyewitnesses, customs checkpoints, nurseries and kindergartens, shopping malls, all kinds of security checkpoints and psychiatric clinics.

This higher reflectiveness causes the glass to act as a mirror under suitable lighting conditions. As an interrogation room mirror, infinity Mirrors, Low light TV mirror or a pyrolytic coating (above border), all kinds of treatments are possible such as grinding, perforation, cambering, tempering, lamination, etc.

**NOT ONLY A GLASS MANUFACTURER, BUT
ALSO YOUR SOLUTION PARTNER...**

Important Points: The side to be observed should be brighter. The best efficiency is obtained with the increase in light difference between the observed and the observers. Then the reflective glass behaves as a mirror. A person under observation should be in a distance of farther than 60 cm to the mirror. In the observed side, the source of light should be as far from the mirror as possible.

Where this mirror is being used as a TV mirror then you will need to adjust the brightness settings accordingly.

Type of Lighting

Subject side lighting should be bright and evenly distributed over the subject and all walls and furnishings, but should not shine directly onto the two way mirror. Beyond this, lighting may be consistent with decor and function of the room. The intent is to brighten the reflected image seen by the subject.



Note: do not shine subject side lights directly onto the glass because they will only shine through the glass and illuminate the observer and the dark observation room behind the transparent mirror.

Observer side lighting should be dim with no open light sources (such as unshaded high intensity desk lamps), or reflections from bright objects such as chrome furniture, potentially visible by the subject in a direct line of sight through the transparent mirror.

Opaque lamp shades on the observer side are recommended for best results.

For Even Better Results

Background Colours

Mirrored/Observed side decor should be bright and light in colour or shade to create a bright reflected masking image. Whilst the observation area decor should be subdued, dark and uniform. Patterns should be minimized in favour of plain materials. Bright reflecting chrome furnishings should not be used on the observer side.

Light Box Tests To view our light box tests visit

www.mirrorworld.co.uk/content/Two-Way-Glass-Comparisons.asp



ORDER A SAMPLE If you would like to order a sample of this two way mirror just visit the following link:

www.mirrorworld.co.uk/catalogue/detailPage.asp?name=GX001



DECLARATION OF PERFORMANCE
6mm Standard Two Way Mirror
Mirrors from silver-coated float glass for internal use
EN 1036-2

Essential characteristics	Performance
Safety in the case of fire	
Resistance to fire	NPD
Reaction to fire	NPD
External fire performance	NPD
Safety in use	
Bullet Resistance	NPD
Explosion resistance	NPD
Burglar Resistance	NPD
Pendulum body impact resistance	NPD
Resistance against sudden temperature changes and temperature differentials	NPD
Wind, snow, permanent and imposed load resistance	NPD
Protection against noise	
Direct airborne sound insulation (EN 12758) - Rw (C;Ctr): dB	NPD
Thermal properties	
Declared emissivity	NPD
Thermal properties (EN 673)	NPD
Radiation properties	
Light Transmission	8
Light Reflection outside/inside	57/40
Solar energy characteristics	
Solar Energy Transmission	11
Solar energy reflection outside/inside	50/30
Solar factor	NPD
Durability	
	PASS

NPD = No Performance Determined

The performance of the product identified is in conformity with the declared performance above. This declaration of performance is issued under the sole responsibility of the manufacturer.



WANT TO KNOW MORE?

Contact our friendly team of experts to make your concept a reality!

T 0333 800 8181 **E** sales@mirrorworld.co.uk **W** www.mirrorworld.co.uk