



## Gray Satin Mirror

The Gray Satin Mirror combines a sleek gray tint with a smooth satin finish, delivering a modern and understated elegance. The satin surface diffuses light gently, reducing glare while maintaining a sophisticated and contemporary appearance.

This versatile mirror is ideal for a variety of applications, including:  
**Interior Design:** Adds a cool, modern touch to residential and commercial spaces, perfect for wall cladding, partitions, and decorative accents.

**Furniture Integration:** Enhances custom furniture pieces like cabinets, tables, and wardrobes with a subtle and stylish finish.

**Bathrooms and Vanities:** Ideal for vanity mirrors and bathroom decor, offering a contemporary aesthetic with a soft, diffused appearance.

**Office Spaces:** Perfect for modern office partitions, meeting rooms, and decor elements, adding a professional and sleek look.

### Chemical Composition:

- Silicon Dioxide (69% to 74%)
- Calcium Oxide (5% to 14%)
- Sodium Oxide (10% to 16%)
- Magnesium Oxide (0% to 6%)
- Aluminum Oxide (0% to 3%)
- Other (0% to 5%)

### Physical and Mechanical Properties

Characteristic	Symbol	Value and unit
Density (at 18°C)	$\rho$	2 500kg,m3
Knop hardness	Hk0.1/20	6 GPa
Young's modulus	E	7x1010 Pa
Poisson's ratio	$\mu$	0.2
Specific heat capacity	Cp	0,72 x 103J/(kg.k)
Nominal value of avg coefficient of linear expansion between 20 ° C and 300°	$\alpha$	9 x 10-6/K
Resistance against temperature differential and sudden temperature change		V40Kb
Thermal conductivity	$\lambda$	1 W / (m. K)
Mean refractive index to visible radiation (at 589,3nm)	n	1,5
Emissivity (corrected)	$\epsilon$	0,837
Characteristic bending strength	Fg,kk	45 N/ mm2

### Glass Lite Tolerances (Stock Sheet Size)

Nominal Thickness	Thickness Tolerances
2.3 mm (3/32") - 6 mm (1/4")	±0.2mm
8 mm (5/16") - 12 mm (1/2")	±0.3mm
19 mm (3/4") - 25 mm (1")	±1.0mm