

MiraSafe™ Safety Mirrors

Ultra-clear safety mirrors designed for active environments

Key Selection Attributes:

- Safe - stays together on impact
- Ultra-clear - low-iron content means no distortion/greenish tint
- Easy Installation - Install with clips, J-Bars and glue (included in kit)

Typical Applications:

- Schools
- Hospitals
- Rehab Centers
- Fitness Areas (Gyms, Studios)
- Childcare/Daycare
- Senior Centers
- Hospitality

Available Sizes:

- 48" x 72"
- 48" x 60"
- 36" x 72"
- 36" x 60"

Construction:

MiraSafe Safety Mirrors are available in 1/4" (6mm) thickness: a 1/8" low iron mirror + 0.030" DuPont™ Butacite® interlayer + 1/8" clear glass. The multi-layered process used to create these mirrors involves initial sensitization of the glass by a layer of tin, which ensures silver-to-glass adhesion.

A layer of silver is applied for reflectivity. Next a layer of copper is added to protect the silver. The mirror is further protected and encapsulated with organic paints, which give the mirror its mechanical and chemical durability.

Installation:

Installation kits include recommended metal fasteners, J-Bar frame systems and CS4300 Mirror Adhesive. Metal components are in chrome finish. Other finishes and additional installation details available on request. If using other installation materials, adhesives that release acetic acid or ammonia-like compounds while curing should be avoided. It should be noted that the best results are obtained with a factory or shop cut edge. Field cutting should be avoided to minimize edge deterioration. Do not install mirror on freshly painted walls or plaster.

Performance Data:

MiraSafe Safety Mirrors have been tested by independent labs and have passed the following standards:

- ANSI Z97.1-2009, American National Standard for Safety Glazing Materials Used in Buildings - Safety Performance Specifications and Methods of Test
- ASTM B117, Practice for Operating Salt Spray (Fog) Apparatus
- ASTM C1503, Standard Specification for Silvered Flat Glass Mirror
- ASTM E903, Standard Test Method for Solar Absorptance, Reflectance, and Transmittance of Materials Using Integrating Spheres

Warranty:

Limited warranty against defects in material resulting in deterioration or clouding of the silver film for a period of one (1) year from date of manufacture.

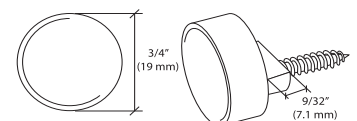
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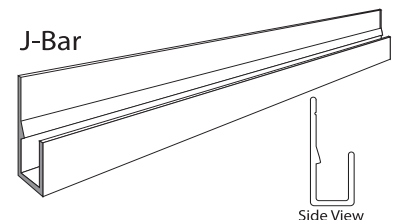


Installation Kit (included)

Round Mirror Clip



J-Bar



Mirror Mastic

