



Safety Mirrors

Arch Aluminum & Glass does not recommend the use of tempered mirrors.

Tempered mirrors are manufactured using fully tempered glass as the substrate. There are optical characteristics inherent in tempered mirrors, including roll distortion and the lack of a quality surface for silvering which most often makes this product objectionable to the end-user.

Arch Aluminum & Glass recommends the use of Safety Backed Mirrors, known as Organically Coated Mirrors in the CPSC 16 CFR 1201 and ANSI Z97.1 standards. These are manufactured by applying a sheet of adhesive backed polyethylene material to the back of annealed mirrors. The backing material does not prevent breakage of mirrors, but lessens the potential of injury on impact by retaining the fragments.