

HOW MUCH DOES GLASS BOW?

The standard industry tolerance for **bowing in tempered glass**—also called **glass warp or curvature**—is:

Maximum Bow Tolerance (per ASTM C1048):

- **3 mm per 1,000 mm (1 meter)** of glass length (or **1/8 inch per 40 inches**)

For example:

- An 80" panel can bow up to approximately **1/4"** and still be within spec.

Important Notes:

- **Bowing is measured** by placing the glass on a flat surface and measuring the highest point of deviation.
- It often occurs more in **larger panels** or **thicker glass** due to the heat treatment during tempering.
- **Bowing does *not* compromise the structural integrity** of tempered glass—it is still incredibly strong and safe for shower applications.
- However, excessive bowing can impact aesthetics or hardware fit and may require field adjustments.

