

HOW STRONG IS YOUR GLASS?

Stronger Than You Think!

At Alluring Glass, we get it—our clients want sleek, modern showers that show off tilework, without bulky hardware. But good looks don't mean weak glass. Here's a quick breakdown of just how tough your 3/8" frameless shower system really is:

What Makes It Strong:

- **Tempered Glass (3/8")**
 - Can hold **up to 784 lb per square foot** across a 1-ft span
 - Flexible and built to absorb impact—like someone slipping and falling into it
 - Weakest only at the edges (a hammer to the corner can break it)
- **CRL Clamps (Brass, Stud-Mounted)**
 - Each clamp holds **~110 lb in shear** when screwed into a stud
 - Used to support glass during install and long-term structure
- **GE/CRL Sanitary Silicone**
 - Cures in 24 hours
 - Rated to hold **up to 120 lb per square inch in shear**, and **350 lb per square inch in tension**
 - That's stronger than most adhesives you'll find in a home



Keep It Strong – Do This:

- **Skip bleach or acidic cleaners** – they break down silicone and corrode clamps
- **Use mild, non-abrasive cleaners only**
- **Always mount clamps into studs, never just drywall**

Bottom Line:

This glass is **not** fragile. When properly installed and maintained, it's built to take a hit, hold strong for years, and still look incredible doing it.