



# BULLSEYE

GLASS CO.

## THINFIRE SHELF PAPER



ThinFire is a ceramic-impregnated shelf paper that provides excellent separation between glass and kiln shelf in firing applications up to 1600°F (871°C). Compared to more conventional ceramic fiber materials, it produces a glossier finish on the shelf side of your project, creates less binder-burnout odor, and is lighter in weight (for easier handling and storage). Compared to kiln washes, ThinFire reduces shelf preparation time and improves surface release.

### USAGE, CLEANUP & SAFETY

ThinFire Shelf Paper is intended for single use. Position it on the kiln shelf as you would any lightweight ceramic fiber material. A single layer will prevent molten glass from sticking to your shelf at temperatures up to 1600°F (871°C).

**Edge Curl:** ThinFire is so lightweight that it is easily affected by glass movement and will sometimes pull into or curl over the glass perimeter at maximum firing temperature. Contact with the top surface of the glass will leave an undesirable haze. To prevent edge curl, weight the outer corners of the paper with small pieces of glass or bits of kiln shelf as needed.

**Applications:** ThinFire has been used with excellent results in Bullseye's factory studio for many types of fusing applications. However, it does not work in every application. The one example we have noted to date is this: used in direct contact with iridized glass, ThinFire may cause a reaction resulting in surface pitting.

**For Best Results:** Fire your glass against the smoother side of ThinFire. (Firing against the rougher side may result in a slight residue clinging to the glass.) To distinguish smoother from rougher, run your finger across both sides, noting the

textures and sounds. The smoother side will be quieter. ThinFire produced after August 2008 is even easier to use because it features a printed Bullseye-logo pattern on the rougher side. Just place the rougher, printed side down against the shelf and the smoother, plain side up against the glass.

**Cleanup and Safety:** On firing, ThinFire disintegrates to a dusty tissue. As with all ceramic fiber material, you should avoid breathing residual dust. When disposing of ThinFire, wear a respirator that is NIOSH-approved for dusts. Clean your kiln shelves with a HEPA vacuum, if possible. For more cleanup and safety tips, read "Safety in the Kiln-glass Studio" at [www.bullseyeglass.com/education](http://www.bullseyeglass.com/education).

### PACKAGING

ThinFire Shelf Paper is available in individual sheets, in packs of 100 sheets, and by the roll.

#### Individual Sheet (#7089)

- Each sheet 20.5" x 20.5" (52.5 cm x 52.5 cm)

#### Pack of 100 Sheets (#8210)

- Wrapped unit, 1/2" (13 mm) thick
- Each sheet 20.5" x 20.5" (52.5 cm x 52.5 cm)
- 291.84 sq ft (26.8 sq m) per package
- Gross weight: 8 lbs (3.6 kg)

#### Roll (#8211)

- Cardboard carton
- 854 sq ft (79.2 sq m) per roll
- 41" x 250' (105 cm x 76.2 m)
- Gross weight: approx. 28 lbs (13 kg)