PRODUCT USE

ThinFire Shelf Paper

ThinFire is a ceramic-impregnated shelf paper that provides excellent separation between glass and kiln shelf. Compared to other ceramic fiber materials, ThinFire is lightweight, creates less binder burnout odor, and produces a glossier finish on the shelf side of your project. As an alternative to shelf primer, ThinFire reduces shelf preparation time and improves surface release.

USE, CLEANUP & SAFETY

ThinFire Shelf Paper is intended for single use at temperatures up to 1500°F (815°C).

For Best Results

- Store ThinFire in a dry place. Moisture from a basement or garage can affect performance even if the paper later dries.
- Place the rougher, printed side of ThinFire against the shelf and the smoother, plain side against the glass. Firing glass against the rougher side may result in residue clinging to the glass.
- To best protect your projects and kiln shelf, we recommend using ThinFire on a primed shelf. For a new kiln shelf, use Bullseye Shelf Primer as directed—apply five coats of primer, then kiln dry. This surface will help ensure that if ThinFire tears during the firing, the glass will release from the exposed kiln shelf. This base layer of primer will last for many firings and will not need to be re-applied unless it is worn or chipped away. Similarly, ThinFire may be used on a primed shelf that has been fired, provided that the primer layer is intact.

Cleanup and Safety

After firing, ThinFire will be reduced to a fine layer of ash. As with all ceramic fiber material, avoid breathing its residual dust. Use a HEPA-filtered vacuum to remove ThinFire from the shelf.

An alternative method of disposal is to remove the shelf from your kiln, spray the ThinFire with water, and collect the resulting paste in a garbage bag.

If possible, clean your shelves outdoors or near a good, local ventilation system, regardless of method. If you are not able to reduce dust exposure with these work practices or engineering controls, wear a NIOSH-approved respirator while cleaning. For more cleanup and safety tips, see Safety in the Kiln-Glass Studio at www.bullseyeglass.com.

Not for Every Application

ThinFire has been used with excellent results in Bullseye's Research and Education studios for many types of fusing applications. It does not work, however, in the following applications:

- Used in direct contact with iridized glass, ThinFire may cause a reaction resulting in surface pitting.
- When fitting a bunch of cut pieces together in a design down arrangement, unless those pieces fit together perfectly, using ThinFire can actually prevent the glass from fusing at the contact surface. If one proceeds with a slump firing, the areas where the glasses are not fused together will be prone to open up as the glass stretches.
- ThinFire can tear a small amount underneath glass during firing. This becomes especially likely under the corners of pieces with at least one dimension longer than 40.5cm (16″). In such cases, the glass will often pick up the subtle texture of the tearing.
- Avoid usage in projects with significant movement and/or pressure, such as with *Under Pressure*, sliders, and *Flow* projects.

PACKAGING

5-Sheet Pack	**007090**	52 × 52 cm (20.5″ × 20.5″)
100 Sheets	**008210**	52 × 52 cm (20.5″ × 20.5″)
Roll	**008211**	1.04 cm × 76.2 m (41″ × 250′)
Roll, Narrow	**008710**	52 cm × 19.8 m (20.5″ × 65′)
Roll, Short-Wide	**008711**	104 cm × 9.9 m (41″ × 32.75′)