

Tips, Websites and Products:

Glazing is **slow** work, especially on these large windows – 12-over-12 sash, each four feet tall.

Use a **sharp glass cutter**. You can tell when it gets dull when the line gets wide and you don't get that nice hiss as you cut. There are Youtube videos on glass cutting that are much better than a description.

A **point shooter** is invaluable. We used a Fletcher-Terry point shooter, there are other brands. You get much less breakage.

Glazing compound: you have to order, but Sarco Dual Glaze dries to a hard finish like traditional glazing. Aqua Glaze is water based, that is easy to use and can be painted within a day or so versus most of the other products that require one to two weeks dry time.

DAP 33 takes a very long time to set up for painting, but is what's available locally.

A new thing, that's endorsed by professional window restorers, and that we've found extremely worthwhile, is using a **steam box** to loosen paint and glazing. We ordered plans for our steambox from www.oldwindowrestorer.com, which has a video of one in use. A steambox saves hours, no, days, of work! You get less breakage and better results, because the paint comes off too. Windows this size are best done with two people, so you can take all the glass out before it cools.

A **HEPA vacuum** is good for attaching to your sander and/or scraper, and for cleaning up around your window work, because you should always assume lead in old paint.

Liquid epoxy is useful for consolidating soft (rotten) wood, and **epoxy putty** can be molded to build up places where parts of the profile are missing. We used LiquidWood and WoodEpoxy from Abatron, but there are other brands as well.

A great site for restoration of old houses is **OldHouseOnline.com**, the online version of Old House Journal (not to be confused with This Old House, which is more about replacing than restoring). Their motto, Save Good Old Work.

The National Park Service has a trove of research, information and guidelines, for historic preservation: **Preservation Brief 9, The Repair of Historic Wooden Windows** is available on line.

The National Trust for Historic Preservation, which is a private organization, is at **PreservationNation.org**. They have info on old windows if you search, National Trust old windows.

Weatherstripping – can be found online, and there are products like plastic v-stripping available in town. You can gain a lot of energy-efficiency and comfort for your home by sealing air leaks, around windows, outlets, and trim, with products like caulk and foam. Most energy loss in old houses is from “infiltration,” or drafts.

We've successfully used **interior magnetic storm windows** from **Allied Window**. The major concern with interior storms is condensation, but we have had ours for about 5 years without issues. These are inexpensive, easy to install, and unobtrusive.

Our best source for **replacement window hardware** turned out to be Killian's hardware. Another place that had replacement hardware was Architectural Resource Center, which didn't happen to have the hardware we needed, but has a good selection.

Sash cord is available in 1200-foot spools; apparently Samson's Spot brand is the best, and it's quite affordable. 1/4 inch diameter cord, called Number 8, is a standard size. We got ours from Rigging Warehouse.