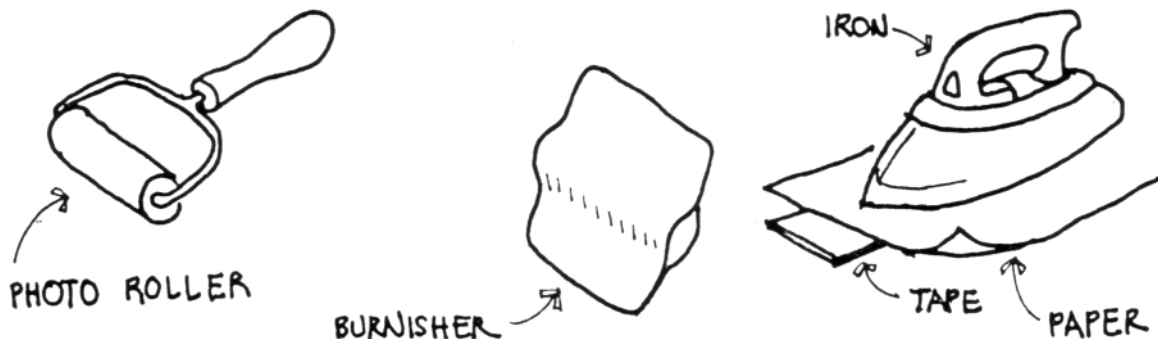


# UPDATE USER NOTES FOR BUTYL RUBBER FLASHING TAPE

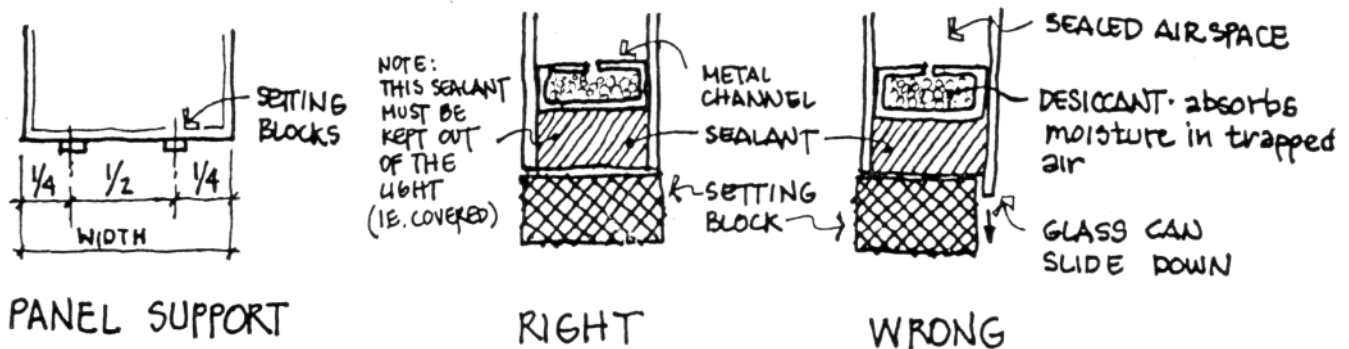
Over the last 18 years the sunroom and skylight projects done with this flashing and glazing sealing tape have held up exceedingly well. The failure rate when properly installed is about the same as the best factory built skylight systems. Most failures have been due to edge seals in the glass panels allowing moisture in between the panels. This will happen, ultimately, no matter what the glazing system (good glazing seals should last 20 years or more).

To get the longest life out of your glazing here are some of the potential problems and installation clarifications we have learned over the years.

1. Make certain that the tape is well sealed to both the glass and the frame member. This can be done with either a moderate amount heat (such as a warm iron), or pressure. The object is to remove any air bubbles that might become water passages. Pressure can be applied from a hard rubber roller or a plastic burnisher. All surfaces should be clean and dry.



2. While sealed glass panels can fail for many reasons, please remember that when you are supporting the bottom of a sealed glass unit, be sure the full thickness of the panel rests on the setting blocks. These are usually made of neoprene rubber or hardwood. Hot weather and time can cause the sealing material of the glass panel to soften and, if not well supported, one of the panes can slide and break the seal of the unit.



3. Make certain that the flashing is done properly. Most skylight leaks come from improper flashing. See page 5 of the drawings for flashing of curved skylights. This is a potential problem area since you are building a dam to normal drainage.

Note, when re-roofing, the flashing must be replaced. Do not expect caulk to replace flashing. Not all roofers understand flashing or install it with enough attention. Check this carefully yourself.

# BUILDING A BUSINESS USING THESE PLANS

Many builders have found sunrooms, window walls and site-built skylights to be a profitable specialty business for their construction skills. What follows are some suggestions for turning your building experience into a mini specialty using these plans.

- ♦ Find a good local source for the large insulated glass panels. For highest energy-efficiency, get panels with a low-E coating and argon gas between the glazings. These windows increase comfort for people sitting near the glass on cold nights and will usually pay off the additional costs quickly with energy savings.
- ♦ Glass near doors or closer than 14" to the floor must be tempered. Check with your local codes. Check also for overhead glass to see if tempered panels are acceptable there.
- ♦ Do a couple of projects for yourself or friends before signing up others. Work out your techniques and know your costs. Get all the necessary permits, licenses and bonding that any building contractor would need. Reputation is everything in building and word travels fast — both good and bad.
- ♦ Vertical glass is the easiest to install. Skylights and roof glazing must be supported, sealed, and flashed properly before the roofing is done. Check flashings before the roofer leaves as some roofers may not know how to do step flashing properly. If the skylight leaks, you will be called even if the roofer is the cause of the problem.
- ♦ Using a compass and the [SunKit](#) charts you can make sure a clients new glazing will see the sun during the heating season. You can also help them determine the best glazing area to match the thermal storage of the room. Doing this will provide solar heating to the house. Using the SunKit charts you can evaluate the site and chart the sunpath & blockage for the client's specific location. Do this on your initial site visit, as it takes less than five minutes and gives the client a free solar evaluation. Add your company name and contact information to the chart and leave it with them. It's a valuable and helpful gift that will improve your chances of getting the job.
- ♦ Add your own contact information to the suggested card below. You can copy these into your own material and leave them on local bulletin boards or stick into mailings for inexpensive marketing.

## SUNROOMS, SKYLIGHTS & WINDOW WALLS

Add value to you home with extra light and solar warmth. Brighten interiors and open your house to the outdoors. Call for a free estimate and solar evaluation of your site.



Attached sunroom and skylights using tempered glass panels