

Cold Weather Tips

D-763 LATEX ADHESIVE

- Do not store below 45 deg F or 7.2 deg C min. Do not allow glue to freeze. It cannot be unthawed or rejuvenated.
- 45 deg F temperature to be maintained during 72 hour glue set up time. Hoard and heat to maintain temperature.
- Do not install membrane into freshly applied glue; let it set up first.
- To help trap hot air in seam, place a flat metal bar > 1" in from seam and kneel on it when welding. 
- Because of longer set up time, consider using contact adhesive for "baggy" vinyl.
- Glue has a 6 month shelf life.
- Avoid purchasing glue that could stay in inventory.

GAS BUBBLES

- Bubbles will occur more during the winter months because the D-811 adhesive takes longer to 'gas off'.
- They are usually repaired by just putting a weight on them for several days, or in worse cases applying heat to rejuvenate the glue, then putting weight on them will do the trick. 
- The reasons for gas bubbles and how to repair them are better described in tech bulletin "Winter Decking Considerations" - December 2002.

D-811 CONTACT ADHESIVE

- Storage: do not store below 45 deg F or 7.2 deg C. Do not allow glue to freeze.
- Periodically, turn the pails in inventory upside down. At lower temperatures glue will congeal. If glue has separated, remix contents thoroughly and store at plus 55 deg C for several days.
- When working under tarps, turn off all sources of ignition when applying D-811 contact adhesive.
- On the jobsite, pails can be kept warm with hot plates, heating tapes, hot lamps etc. or by rotating with warmed pails. 
- When installing the membrane: pre-glue the membrane, double glue the full perimeter area, heat up membrane with hot air gun to break membranes memory at 90 deg bends.

ICE ON VINYL

- Rock Salt, Kitty Litter (for non-slip traction) and various other snow-melting chemicals can be used on your Duradek surface. 
- We do caution, however, that you clean the surface thoroughly with soap and water and flushed clear prior to letting the heat of the spring sun 'bake' any chemicals into the surface.

SNOW AND ICE REMOVAL

- Only use a plastic shovel to remove snow and ice from the deck surface. 

PRECAUTION

The use of contact adhesives during the winter months is more dangerous than during warmer periods. Work can be under tarps or enclosed.

Air is colder so glue fumes are more dense and stay closer to grade level making them harder to detect.

Have an exit plan.

Work area should be well ventilated, use NIOSH approved masks especially when working under tarps.

Turn off all sources of ignition when working with contact adhesives. Allow time for fumes to dissipate before starting welding gun.

Have a fully charged ABC fire extinguisher on site and at the work area.

EXTRA TIPS

- Pre-weld/pre-glue sheets in shop to minimize on site time.
- Seal deck surface with thin coat of contact cement if application can not be performed same day (after preparation better).
- Remember heat guns CAN throw sparks which can ignite wet adhesive and/or open pails. Minimize risk by turning on gun AFTER glue has been put away or use a small can with a brush for touch up application.
- Carry large Flammable signs and post them on the job sites in and around working areas.
- Tarps work best if bungees are attached to grommets/ties to allow for wind movement which prevents ripping. Attach tarps, poly with 1"x2" to fasten to underside of soffit overhang. Clear or Transparent allows better vision than blue and/or orange.

MAKE SURE YOUR INSTALLERS READ THIS TECH BULLETIN