

## Tips for successful projects using TSR during COLD Weather

- See FAQ's on website
- During Winter months, store TSR in a heated area. Never let TSR freeze.
- To go to the cemetery, place TSR in an old, well insulated cooler with some warm-hot bricks, pieces of stone\*, or several well sealed bottles of hot water.
- Spoons, mixing tools, putty knives, a bottle of 91%\*, mixing plate or board should be kept warm if practical. Try placing your mixing board on top of open cooler with warm contents.
- If 110V power or a small generator is available:
  - heat lamps, floodlights, or small electric heaters are valuable to warm tablets for easier spreading and scrubbing in (bristle paint brush). If faster cures are necessary, gentle warming should be used for a few hours
  - Heat guns or hairdryers can be used to check for and melt ice, then dry the stone. TSR can be applied to warm but not hot stone.
- If well-mixed TSR is too stiff when cold, it can be "cut" with 91% rubbing alcohol\*. It is also very valuable to add a squirt of alcohol and scrub "loosened" TSR putty into both surfaces of the repair as a primer coat. After priming, place neat (little or no alcohol) TSR putty in excess on one or both surfaces being repaired.
  - place broken pieces together and squeeze out as much putty as practical.
  - squeezed out (excess) TSR putty can be pushed into voids and struck to tablet surface grade or picked up on putty knife and used elsewhere.
- If 110V power is not available, a small propane torch or heater can be very carefully used to gently warm the stone to be repaired. Always assure ice is not present (ice can be difficult to see on white stone).
- Usually, overnight cures are adequate for removal of clamps and strong backs and any possible lifting but if temps are very cold (near or below freezing) an extra 24 hours cure may be necessary.

Several training videos on our website may offer advice on several techniques for finishing very aesthetically pleasing repairs——year round.

Any questions, comments, or special needs:

Call or text Glenn 334-412-2440 or Kathy 334-455-9835

\* 91% isopropyl alcohol can be used to help workability but also as a cleanup solvent

\*pieces of quality stone used for warmth may possibly be used to partially fill large voids (missing pieces). Just prime, putty, push into partially filled hole, then putty over to make flush with tablet face. This is a sound technique that also saves putty.

If letters and numbers are known, these can be cut in with a diamond bit Dremmel (next day or later)