

Delcrete® Elastomeric Concrete with Sand/Fiberglass Aggregate System**Expansion Joint Systems**

2 of 2

- H. **USE GREAT CARE IN APPLYING PRIMER. IMPROPER PROCEDURES WILL AFFECT BOND STRENGTH.**

MIXING

- A. There are 12 batches of approximately 2.31 gallons in each unit.
- B. Open and combine 1 bag sand and 1 bag fiberglass in an extra bucket.
- C. Pour 3000 ml Part A and 1500 ml Part B into respective beakers (use level line).
- D. Add Part A and Part B to 5 gallon bucket. Start mixer at low speed.
- E. Immediately begin to add sand/fiberglass mixture at a gradual rate (approximately 10 seconds).
- F. Increase mixer speed to medium. Mix for 2 minutes with a pail mixer.
- G. Take material to blockout.

PLACEMENT AND FINISHING

- A. Delcrete® is initially self-leveling, but rapidly becomes thicker. Be sure to have an area ready for placement prior to mixing.
- B. Delcrete® must be poured into the blockout in a manner that reduces the potential for delamination. In other words, fill a particular grade on an "as-you-go" basis (including final troweling) rather than emptying the bucket over the entire length of the blockout.
- C. Start at the low end of the repair area. Delcrete® will flow for several minutes; use trowel to push excess "uphill". After Delcrete® has taken its initial set, use notched trowel to finish to final grade. Avoid "smearing" the excess outside the repair area.
- D. Never leave a partially filled blockout at lunch breaks, etc.
- E. Total working time with Delcrete® from adding Parts A & B to initial set is approximately five to ten minutes, depending on temperature.
- F. It is good practice to use a notched trowel that is long enough to span the repair area.
- G. If edges are masked with duct tape, remove immediately after final troweling.

SPECIAL COMMENTS

- A. On hot, sunny days, keep kits under cover or in the shade.
- B. Open pails only as needed. To ensure future quality of Delcrete™ parts A & B, tightly close partial containers for reuse.
- C. Use empty aggregate boxes under measuring and mixing operations to catch drips and spills.

ACCEPTING TRAFFIC

- A. Traffic can usually be accepted within one hour after the final pour. Experience will indicate when Delcrete® has cured sufficiently to accept traffic. Two hour maximum.

CLEANUP

- A. Before starting, spray buckets with mold release and spray paint. After final mix, do not scrape out excess, but allow the film to cure, and then peel out.
- B. Paddles should be scraped between mixes to reduce buildup.
- C. Residue in Part A beaker will set up and can be stripped out.
- D. Residue in Part B beakers can be drained into an empty Part B can. Final dregs can be wiped away with paper towels.
- E. Paddles, tools, scrapers, trowels, etc. can be immersed in denatured alcohol or solvent and cleaned later.

RESTRICTIONS

- A. Delcrete® must not be installed when air and concrete temperatures are colder than 45°F.
- B. Delcrete® should not be poured in the rain, however slight.
- C. Delcrete® should not be used in combination with any fast-setting concrete without checking with The D.S. Brown Company Customer Service for compatibility.