

Fast Stone® C

Fast Setting Cement for Counter Tops

Fast Stone® C cement mix is specially formulated for the counter top and vanity caster's need for faster setting hydraulic cement mixes that can be pigmented, ground and polished to give a wide range of colors and looks.

- Cement, accelerator, white pozzolan, sand (optional) are all in the bag
- Demoldable in 4 hours
- 128 lbs. per cubic foot
- Add water, VF-774, plasticizer and pigment and AR fibers in the backing mix
- Can be hand mixed or processed through a Rimcaster Continuous Mixer
- Conventional aggregates or synthetic aggregates used in the solid surface industry can be added to obtain a wide range of looks.



Fast Stone® C is comprised of white Portland cement, Qwix® and VCAS pozzolan in specific ratios to insure a high quality, dense and low absorption matrix. The Portland/Qwix®/VCAS ratios reduce normal Portland cement demold times from overnight to 4 hours using regular production techniques or the Rimcaster Continuous Mixer.

The formula is designed to reduce the typical porosity associated with concrete and give a hard, dense surface that is easily ground or polished .

The Fast Stone® C formula is available either with sand included or without sand. In either case, additional aggregates may be added to achieve certain architectural or designer looks.

Fast Stone® C is formulated to be mixed with pigments, Forton® VF-774, water, plasticizer and AR fibers to achieve the producer's required results.

Fast Stone® C and C S incorporate 19% and 10%, respectively, of recycled post industrial waste in the bag.

www.Ball-Consulting-Ltd.com

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Mix Design

| | C | C S |
|--------------------------------|--------------|------------|
| Fast Stone® | 50 lbs. | 50 lbs. |
| Add. Aggregate | max 22 lbs. | 16 lbs. |
| Sand | 50 lbs. | |
| VF-774 | 5.5 lbs. | 3 lbs. |
| Water | 13.5 lbs. | 7 lbs. |
| Plasticizer (fl) | 3-5 oz. | 2-4 oz. |
| AR Fiber 12mm | max. 1.2 lbs | 1 lbs. |
| W/C ratio | .35 | .35 |
| Fiber % by weight of total mix | .5 to 1.5% | |



Notes (con't)

Hand Mix Sequence: Put water, polymer, plasticizer and pigment in the bucket first. While mixing, slowly add additional aggregate, if used. If no additional aggregate is used, directly add the Fast Stone C to the liquid while mixing. Mix until creamy. If the AR fiber is not already in the mix, add the proper amount at this time. **Do not over mix after the fiber has been added.**



Notes:

- The W/C ratio, water temperature and plant temperature will influence the set and demold times of Fast Stone® C. The higher the W/C ratio and the cooler the plant temperature, the longer the set and demold times.

- Recommended mixing bucket for full bag mixes is available from Consolidated Plastics (800-362-1000). www.consolidatedplastics.com. 10 gal Brute recycle bucket #054037LY
- Recommended mixer for 5 or 10 gallon bucket mixes is the M 140, in a drill with greater than 850 rpms.
- Do not use a W/C ratio greater than .40
- Cover casting with plastic to insure demolding time and strength development

Typical Physical Properties

| | | |
|----------------------|---------|-----------|
| Drying Shrinkage | C-596 | -.142% |
| Compressive Strength | C-109 | |
| | 28 days | 9,400 psi |
| Density | | 128 pcf |

Special Formulations: Based on volume, Ball Consulting, Ltd. can customize special formulations to meet your needs.

Packaging: Fast Stone® C or C S is available in 50 lb. bags or super sacks.

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