

Description

Is a high strength, premium concrete mix that is formulated to meet a multitude of uses including precast, exterior concrete in freeze thaw climates, marine environments or where chemical attack may occur. The formula contains water reducers, air entrainment, and fiber. These admixtures combined with a cement rich mix design help minimize early and late stage shrinkage cracking and provide excellent workability. Reaches 5000 psi – contractor grade formula and meets specifications set forth in ASTM C387.

Preparation

All surfaces should be clean and free of oil, gas, paint, grease, etc. before applying mix. A stone or gravel base is recommended for all work on grade.

Directions for Mixing

- Pour Tradecraft Crack Resistant 5000 into a clean concrete mixer, wheelbarrow, or similar easy-to-use container.
- Form a crater with a shovel or hoe in the center of the dry mix.
- Pour clean water into the crater at the rate of 1 qt per 20 lbs of Tradecraft Crack Resistant 5000 Mix.
- If too stiff, add more water 1 cup at a time.
- Avoid a soupy mix – over watering will weaken the strength considerably.

Packaging and Yields

80 lb. bag yields approximately 4 sq. ft. x 2" thick or approximately 3/5 cu. ft. wet volume.

For Best Results

- Use only when the temperature is 40 degrees Fahrenheit and rising. In cold weather use warm, not hot water, for mixing.
- Apply freshly mixed Tradecraft Crack Resistant 5000 immediately.
- Do not re-temper the mix after initial mixing.
- Dampen the surface of the work area before applying the new material. For a rough or non-slip surface use a wooden float or broom. For a smooth finish use a steel trowel. Avoid over-troweling.
- When using Tradecraft Crack Resistant 5000 for deep patching roughen the existing surface. The use of a quality bonding agent is recommended.
- Allow the new concrete to set firmly then keep moist for at least 3 days by an occasional fine spraying with water. Covering the surface with plastic film or damp burlap is beneficial.
- For proper curing of concrete use a curing and sealing compound after the final finish procedure is completed.

Clean Up

Clean up is simple and easy with soap and water. Rinse tools before material hardens.

Caution

AVOID CONTACT WITH SKIN

INJURIOUS TO EYES

Contains Portland Cement (CAS # 65997-15-1). Freshly mixed cement, mortar, concrete, grout or stucco may cause skin injury including severe alkali burns. If exposed, get prompt medical attention. The use of gloves and protective eye wear is recommended.

If any cement or cement mixtures get into the eye, rinse immediately and repeatedly with water for 15 minutes and get prompt medical attention.

WARNING INHALATION HAZARD

Avoid inhalation of dust from this product, which contains crystalline silica that may cause lung disease and cancer. Use with mechanical ventilation or respiratory protection (dust mask).

KEEP OUT OF THE REACH OF CHILDREN

EXCLUSION OF INCIDENTAL AND CONSEQUENTIAL DAMAGES

Neither the manufacturer nor the retailer of this product shall be liable for any incidental or consequential damages caused by the use of this product.

DISCLAIMER AND LIMITATION OF LIABILITY

This material is warranted to be of good quality. Upon receipt of a claim within one year from the date of sale, defective material will be replaced or the purchase price refunded at the option of the manufacturer. Except for the foregoing, all warranties, express or implied, including merchantability and fitness for a particular purpose, are excluded. No liability is assumed for any consequential, incidental, or special damages arising directly or indirectly from the use of the material.