



# TRU CARVE

## Vertical Concrete Carving and Stamping mix

### DESCRIPTION

Tru Carve is a pre blended, all in one, high strength cementitious vertical overlay material designed for resurfacing acceptable surfaces. The material offers an extended working time, exceptional green strength and no sag. It can be used interior or exterior, is freeze thaw resistant and can be colored with any number of Walttools coloring systems. This mix only requires the addition of clean water. No additional resins or admixtures are needed. Unlike other bag mixes, this can be applied from 3/8 inch up to several inches.

### FEATURES AND BENEFITS

- Can be applied by trowel or spray device.
- Easy for high builds
- Tri component reactive fiber system for improved tensile strength.
- Extended set and cure time to allow for faster project turn around.
- High strength for more critical projects.

### TYPICAL APPLICATIONS

Walttools Tru Carve is designed as a lightweight and strong stamping and carving mix used to create a multitude of manipulated faux surfaces. Boulders, bricks, carved stones, blocks, logs and other wood grains are just a few of the design ideas for this type of product. Prepared substrates this can be use on include wood, sheet rock, tile board, EPS, cement block, tile and general concrete surfaces. Packaged in 45 lb bags.

### TECH SPECIFICATIONS

Specifications listed for product used at 70 degrees and no adverse conditions.

Initial set.....1 hrs

Final set.....16 hrs

Set times can vary based on temp, humidity and other environmental factors

Coverage per 45 lb bag.....12 sqft @ 3/4"

Compressive strength.....1800 psi at 24 hrs

.....4400 psi at 14 days

### INSTRUCTIONS

In general, add 3/4 gallon of water per bag to the bottom of a large mixing pail and begin to add in the Tru Carve. If using any integral color into the material, add at this time. Continue to mix adding in up to an additional quart to reach desired consistency. Do not exceed 4.5 quarts unless spraying. The resulting mix should be of a moderately loose mix for application by hand. A wetter mix (semi-flowable) is required for use in a spray application due to inherent water loss in the process and to go thru sprayer.

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## INSTRUCTIONS

**SCRATCH COAT:** Most vertical surfaces will benefit from the application of a scratch coat before applying the carving material. This provides a rough, porous surface for the material to attach since thick applications present a heavy weight. Waltools Structure Coat is the premier scratch coat material for insuring the substrate is very sound and secures all joints from shadowing thru. No bonder is needed with Tru Carve when using a scratch coat.

**APPLICATION:** If mixing by hand you should use a large(15 gl) mixing pail and a heavy duty ½” drill mixer. The preferred mixing head is that of the egg beater style. Mixing splines should be cleaned off between batches to avoid heavy buildup. When applying the material by hand it is simply tossed onto the wall in handfuls, taking care to smooth and press it into the scratch coat every 5-6 handfuls.

If using a mortar sprayer, you will need a compressor with the minimum specs of 7-10 cfm @100 psi. The material should be semi-flowable and applied to the surface in a bottom to top motion. Spraying more than 2 inches at once may result in areas that don't adhere. It is best to trowel sprayed areas by hand every few feet to ensure the material is pressed into the scratch coat. When the Tru Carve has been applied to the application thickness wanted you can immediately begin the stamping or texturing process. Once the material begins to stiffen up and gain more strength, deeper hand carving can begin and continue to several hours. Texturing may be achieved with Waltools texture rollers, texture skins, texture trowels and related tools. NOTE-Warmer temperatures will reduce working time and cooler temps will extend it.

Do not over-water the mix. After application and once the material has had the opportunity to cure out and the excess moisture has evaporated from the material it can be colorized with various Waltools Stain systems including Tru Tint, Reax or Tru Tique. Once staining of complete the option of sealing is recommended for reduction of color loss due to exposure from the elements. Waltools Tru Block is recommended for maintaining a natural look and provide a water resistant surface.

**NOTE OF CAUTION.** The proprietary fibers used in Tru Carve may become visible on the surface when scraped. The fibers can be eliminated thru use of a torch or similar apparatus for burning them off if necessary.

**CAUTIONS** Do not mix more material than can be placed in 20-30 minutes. The temperature of the mixed material should be between 60°F to 80°F for ideal working properties. Use only potable water for mixing. Clean mixing equipment between batches. Do not apply to overly cold or hot surfaces. Colder temperatures will extend open time and reduce rate of strength gain.

**WARNINGS:** Contains cement and silica, avoid inhalation of dust. Wear gloves, safety goggles, and OSHA approved dust respirator during mixing and placement. Refer to product S.D.S. (Safety Data Sheet) for additional safety information. Do not take internally. Avoid prolonged contact with skin. **FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN**

**LIMITED WARRANTY:** This product is warranted to be of merchantable quality when used according to the Instruction herein. It is not warranted to be suitable for any purpose or use other than the general purpose for which it is intended. Liability under this warranty is limited to the replacement of the product as purchased, if found to be defective upon inspection by the manufacturer. This limited warranty is issued and accepted in lieu of all other expressed warranties and explicitly excludes liability for consequential damages. Buyer assumes all risk and liability resulting from the use of this product. Revised – 08-17

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