



Erectc'ment LIGHTWEIGHT CEMENTITIOUS VERTICAL RESURFACING MORTAR

DESCRIPTION: Tru Impressions Erectc'ment is a single component, ready to use, multi-purpose, cementitious resurfacing mortar designed for decorative vertical enhancement applications on concrete, masonry, drywall or plywood substrates in interior applications only. Erectc'ment exhibits extended set times that allow subsequent decorative texture impressions such as stamping, sculpting, or hand carving. Erectc'ment is pre-blended for ideal consistency and formulated with low density, lightweight aggregates to allow non sag applications on vertical and overhead surfaces.

BENEFITS: LIGHT WEIGHT FORMULATION PROVIDES A NON SAG, HIGH YIELD MORTAR...EXCELLENT TROWELABILITY...EASY TO HAND CARVE OR TEXTURE STAMP... LIGHT GRAY COLOR ALLOWS EASY STAINING OR INTEGRAL COLOR ADDITION

COMPOSITION: Proprietary blend of cement, plasticizers, rheology modifying additives and selected aggregates for weight reduction, improved finishing, and shrinkage compensation. This product contains no calcium chloride or intentionally added chlorides that contribute to reinforcement steel corrosion.

WORKING AND PERFORMANCE PROPERTIES @ 70° F (21° C) APPROXIMATE VALUES *	
Density (Wet mix) per ASTM C 138:	85 lbs./cu.ft.
Working time:	30-40 minutes
Initial set per ASTM C-191 (Finishing time):	3-4 hours
Final set per ASTM C191:	10-11 hours
Coverage:	42 square feet at ¼ inch thick, 10.6 square feet at 1 inch thick
Yield:	0.60 cubic feet per 50 lb bag

***Above results were obtained using a water / powder ratio of 28% = 1.68 gallon water (6.72 quarts) per 50 lb. (22.72 kg) unit**

SURFACE PREPARATION: CONCRETE: Existing concrete should be prepared by removing unsound concrete with the use of high pressure water blasting, grinding, or sandblasting. Acid cleaners or degreaser use is discouraged as these chemicals may leave surface residue or weaken the resulting surface. New concrete should be adequately cured and free of release agents, curing compounds, or any surface laitance, dust or other contaminants that could act as a potential bond break. Any surface voids, holes or pockets should be patched and filled. The repaired areas should be allowed to fully cure before applying TI Flexy-Bo primer and Erectc'ment topping.

MASONRY: Remove and repair any loose or weak mortar between masonry units.

DRYWALL, BACKERBOARD, PLYWOOD: Apply reinforcement tape over any joints between the boards, at the corners, and also over exposed screw or nail heads. All surfaces should be reinforced to prevent any flexing or movement. Mechanically fasten wire mesh or lathe to drywall or plywood surfaces as needed to help support the Erectc'ment mix.

PRIMING: All substrates should be primed with Flexy-Bo using a roller or brush at approximately 200 sq. ft./gallon. Do not apply the bonder to wet surfaces. Allow the primer to dry to a "fact free" consistency, which is typically 20-30 minutes, before starting the vertical application. Overly absorbent substrates may require a second coat of primer to ensure an adequate seal. Do not expose the freshly primed surface to rain or water contamination, in which case the primer would have to be reapplied due to possible run off.

SCRATCH COAT: After the primer has dried, and before applying the Erectc'ment, a thin scratch coat of mortar should be applied by trowel or hopper gun at approx. 1/16 to 1/8 inch thick. This scratch coat should be raked horizontally to create adequate surface profile which will improve subsequent bond of the vertical mix. Allow the scratch coat to dry 6-8 hours before re-priming the area and applying the Erectc'ment

MIXING: Place approx. 1.67 gallons (6.70 quarts) of water in the mixing container and slowly add the 50 lb of Erectc'ment while continuously mixing with a mechanical low speed drill and paddle mixer. Larger quantities may be mixed in a mortar mixer. Adjust water to the desired consistency of the mortar, but do not exceed 1.80 gallon (7.20 quarts) per 50 lb. bag. Mix to a uniform consistency for a minimum of three minutes. Do not add previously mixed material to new batches, and do not re-temper or add additional water to previously mixed material to gain plasticity.

APPLICATION: Substrate control joints should be marked and filled prior to installing the Erectc'ment to prevent transferring into the new surface. Erectc'ment is typically applied by hand trowel between ¼ to 2 inch maximum thickness. Coverage rates will vary depending on depth of installation, substrate texture, and finishing. If applying in successive lifts, allow preceding lift to stiffen (but not harden) before applying fresh material.

Application thickness should be sufficient to allow for the accurate transfer detail if using a concrete stamp. Begin stamping as soon as the material has sufficiently set to achieve a clean impression without tearing the surface. Cling 'n Carve can be hand carved between 6-24 hours after installation. Carving time will vary depending on temperature, humidity, and overlay thickness.

CURING: Normal curing of Erectc'ment is not necessary due to its hygroscopic composition, however, fog misting or use of polyethylene sheets is recommended during adverse conditions (hot, windy weather). Saw cutting of control joints should be completed approx. 14 hour after installation

CAUTIONS: Do not apply Erectc'ment as directed in outside applications. Do not apply if the temperature is expected to fall below 40° F (4° C) or rise above 90° F (32.2° C) within 24 hours of application. Maximum application thickness in one lift is 1.5" (37 mm). If Erectc'ment sags at any point during application, completely remove the material, re-prime the substrate, and re-apply the mortar at a reduced thickness. Do not overwork the completed surface. Minimum application thickness is usually 1/4 inch (6mm). Do not cure with traditional water or solvent based curing compounds, this will allow subsequent staining and color alteration of the surface.

WARNINGS: Contains cement and silica, avoid inhalation of dust. Wear gloves, safety goggles, and NIOSH/MSHA approved dust respirator during mixing and placement. Use only with adequate ventilation. Refer to product M.S.D.S. (Material 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. If inhalation or exposure causes any physical discomfort or irritation that persists, SEEK MEDICAL ATTENTION.

NPCS HMIS SAFETY RATINGS: HEALTH = 2, FLAMMABILITY = 0, REACTIVITY = 0, P. PROTECTION = E

PACKAGING: 50 lb. bag (22.72 kg) , 50 bags / pallet

STORAGE: 40° to 90° F. Store in a dry place.

SHELF LIFE: 1 year properly stored

FREIGHT CLASS: Item 42130, Sub O, LTL 50

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 – 05-08