



STONE BÉTON

MANUFACTURER

A.W. Cook Cement Products
242 Amy Industrial Lane
Hoschton, GA. 30548
Phone 706-654-3677
Fax 706-654-3662

DESCRIPTION

STONE BÉTON is a blend of Portland cement, limestone, silica aggregates and special chemical modifiers. The addition of water is all that is needed to produce a trowelable mortar.

USES

STONE BÉTON may be placed over existing concrete walls, concrete block, cement board, dry wall, cement plaster, and EPS Board coated with cement base coat and imbedded mesh. Many decorative finishes may be achieved. Plaster finishes, old world stone and marble effects are easily produced.

MIXING

The product can be mixed by either mortar mixer or individually in plastic pails using a ½" drill and mixing paddle. (Typical rectangular dry wall mud paddles work well). Start by measuring 4 qts. Cool clean water per 50 lb. bag of powder. Add pigment pack to water first and mix together. Slowly add the powder and mix 1-2 minutes until smooth, lump free mortar is created, more or less water may be used to achieve a smooth, zero slump consistency. Do not retemper the mortar or whip air into it during mixing.

SUBSTRATE PREPARATION

All masonry surfaces should be clean and free of dirt, dust, paint, sealers, form release agents or any material that would interfere with the mortar coming in contact with the raw, open pores of the concrete, concrete block, cement board or cement plaster. Any anti-adherents should be mechanically removed by sand blasting, grinding, water blasting, etc. Chemical strippers should not be used for surface preparation. All masonry/concrete surfaces must be primed with Cemtec Universal Polymer Concentrate diluted 1:1 with clean water. Apply primer with roller or brush, completely covering all areas with a very thin coat. Allow this primer to dry clear, and then begin application. Apply mortar no later than 12 hours after application of primer. For dry wall priming, mix in a small amount of 30 mesh sand into the primer to give a

rough texture to the prime coat. This will prevent sliding of the mortar during placement. EPS foam must be first coated with Cemtec Mesh Coat Adhesive and embedded with fiberglass mesh. All substrates shall be installed according to specifications outlined for each product or system by approved methods.

APPLICATION

STONE BÉTON is designed to be placed by hand troweling methods. After the substrate is properly prepared, apply a minimum 1/8" scratch coat to the substrate. Allow this scratch coat to reach initial set, then apply the finish coat @ approx. ¼" thick. Now begin any special texture methods for desired effect.

PACKAGING

50 lb. bags (STONE BÉTON & Mesh Coat Adhesive)
5 gal. Universal Polymer Concentrate

LIMITATIONS

- DO NOT allow Universal Polymer Concentrate to freeze.
- Apply material in temperatures between 50° F and 100° F.
- Protect finished product from freezing for 48 hours after application.
- Protect installation area from excessive wind, heat or cold.
- Shade variations can occur due to varying climatic conditions, water amounts, texturing methods, etc.

PRECAUTIONS

Contains Portland cement; avoid eye contact and prolonged contact with skin. Wash thoroughly after handling. In case of eye contact, flush with water for at least 15 minutes. Consult a physician immediately. Keep out of reach of children. Contains free silica-DO NOT breathe dust. May cause delayed lung injury. Follow OSHA safety and health standards for crystalline silica (quartz). See material safety data sheet for detailed information

TECHNICAL DATA

Compressive Strength

ASTM C-109
28 days 4430 PSI

Bond Strength

ASTM C-882 modified
28 days 1100 PSI

Flexural Strength

ASTM C-78
28 days 800 PSI