

Magna-Blends™
All Natural Mineral Based Powder Mixes

Bio-Coat™
Ceramic Wood Treatment

DESCRIPTION:

A water, mold, bug & fire, protective mist coating that is a non-toxic, non-shrinking, anti-bacterial “breathing” ceramic/clay spray mist that preserves concealed wood studs & other porous surfaces.
(not a hard, weather-able finish coat)

COVERAGE & SET TIMES: Bio-coat is applied as an ultra thin mist over exposed wood stud construction after rough framing, exterior sheathing, plumbing and electrical (but before insulation)—generally requires about (.02 lbs/sf of wall area of building) full set time is two to four days at 75 deg & 60% humidity. (less than 2 hours for thick “sill plate” version)*

PREPARATION:

The surface must be clean and free of dust & debris—very light misting of the host surface recommended (dab off any excess beads of water) (dry to touch after dabbing)

MIXING: Mix no more than about 2 gallons at a time (small batches 2-4 lbs—which will cover ~400 sf)—must be mechanically mixed for 3-4 minutes—start with ~18% water (by weight) and add additional as needed to desired consistency (~thin milk)—when working in outdoor temps above 75 degrees use cold (ice) water to extend working time.

* for heavier protection under areas like sill plates (for example) mix with only ~9% water & skip trowel an ~1/4” base mud before bolting plates to slab.

APPLICATION: Apply with a garden type “pump” sprayer or a painter’s airless spray equipment—apply in smooth even strokes—recommended to have a designated “batching” person who is timed to refilling as soon as possible when first batch used up—never have the next batch waiting more than a few minutes before refilling.

CLEAN UP: Clean up all tools & equipment & buckets immediately with water-over-spray is generally not a problem as the very thin version of this product sets very slowly—waste is 100% non-toxic—

SAFETY AND HEALTH WARNINGS: LUNG INJURY AND CANCER HAZARD.

Product contains free crystalline silica—prolonged inhalation can cause delayed lung injury including silicosis—avoid creating dust when handling—use only with adequate ventilation to limit exposure—follow all osha or other relevant safety & health standards pertaining to quartz crystalline silica (cas# 14808-60-7)