

TECHNICAL DATA & PRODUCT DESCRIPTION

SECTION 1: PRODUCT NAME

CMB 1060 Concrete Moisture Barrier

SECTION 2: PRODUCED BY

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SECTION 3: PRODUCT DESCRIPTION

CMB 1060 is a proprietary blend of acrylate in a colloidal liquid base. **CMB 1060** is milky white color (dries opaque) odorless, environmentally neutral, zero VOC / VOS penetrant in a colloidal liquid base.

SECTION 4: BASIC USE

CMB 1060 is specially formulated to readily penetrate deeply into concrete and once absorbed, becomes part of the internal structure of the concrete. CMB 1060 becomes an integral part of the concrete's substructure, also protecting the surface by providing a protective opaque flexible polymer film coating which durably and tenaciously adheres to the treated concrete's surface after drying.

CMB 1060 chemically provides a deep subsurface water / moisture barrier, while at the same time, providing a flexible vapor-barrier coating on the surface. The simultaneous action of these two barriers combined, quickly and easily lowers concrete's water vapor rate emissions. CMB 1060 renders the treated concrete surfaces stronger, more abrasive, acid, and chemical resistant, as well as, freeze-thaw damage resistant. Some other attributes that CMB 1060 provides to concrete are that it provides internal humidity stability, preserves matrix integrity, improves thermal resistance, adds density, increases strengths, and lowers creep deformation potential. CMB 1060 may also be applied to concrete at any time during its useful lifespan.

SECTION 5: INSTALLATION SUGGESTIONS

Note: For application of CMB 1060, concrete floor must be clean and free of all residual adhesives, dirt, grease, curing compounds similar etc.

Limitations: CMB 1060 is excellent as a single application stand-alone product, when used as a vapor reduction treatment for concrete slabs/floors of 8 pounds of moisture vapor emissions per 24 hours per 1000 square feet, or less, as measured by ASTM F-1869 Calcium Chloride Test. Where moisture vapor emission rates are higher than 8 pounds a pretreatment application of CMR 1080 is recommended.

CMB 1060 is normally applied by pouring directly onto concrete's surface, then uniformly spread at the rate of about 350-400 square feet per gallon, using a medium to long nap paint roller (do not spray on). While spreading CMB 1060 onto concrete's surface, a portion of CMB 1060 deeply penetrates into the concrete while another portion adheres to its surface. Allow to thoroughly dry, then test with calcium chloride method ASTM F-1869. Install flooring per manufacturers recommendation. CMB 1060 dries non-tacky, usually within a 24-hour period.

SECTION 6: PRECAUTIONS

1. CMB 1060 liquid must not be allowed to dry on glass or contact shiny aluminum, and should be removed, prior to drying, using water. Once dried, CMB 1060 is extremely difficult to remove from surface.
2. Protect areas not intended for coverage.
3. Do not apply on frozen substrate or when temperature is near freezing.
4. For more information read Material Safety Data Sheet.

SECTION 7: TECHNICAL DATA

Physical: Liquid

Color: Milky white (dries opaque)

Odor: None

Specific Gravity: 1.08

pH: +/- 7-8

Flammability: None

Toxicity: None

VOC / VOS Content: An insignificant trace of Butyl

Surface Bond Quality: Excellent

Vapor Pressure Reduction: Excellent

Paintability: Excellent

Clean-up solvent: Water

Environmental Impact: None / Neutral

User Status: Friendly

