



FLOORING SEALANT II (MFSII)

Basic use:

MOXIE FLOORING SEALANT II (MFSII) is a ready to use liquid permanent treatment for concrete. Formulated specifically for the prevention of water and vapor migration and alkali/efflorescence attack under flooring materials and other impermeable surface treatments. Protects and preserves concrete. Suitable for all above and below grade concrete. Application by approved applicators or contractors only.

Advantages:

- ⊕ Prevents moisture and vapor pressures up to 26lbs/1,000sf/24hrs
- ⊕ Suitable for above and below grade application
- ⊕ Hydrostatic pressure to 100 psi (231 ft. below grade)
- ⊕ Resists freeze thaw (exceeds 360 cycles) to 2.8% loss by weight
- ⊕ Prevents corrosion and deterioration
- ⊕ Prepares concrete for paints, coatings, and adhesives
- ⊕ Penetrates concrete up to 7 inches
- ⊕ Prevents efflorescence and alkali attack
- ⊕ Prevents chloride intrusion
- ⊕ Increases insulation R factor
- ⊕ Prevents mildew and fungi
- ⊕ Prevents dusting

Description:

MOXIE FLOORING SEALANT II is water based, non-toxic, and composed of in-organic, chemically reactive, complex catalyzed silicate compounds and active enzymes which allows penetration of concrete up to seven inches. MOXIE FLOORING SEALANT II undergoes a chemical reaction with the by products of the concrete curing process to form the highest density of cementitious materials, dramatically enhancing all of the natural characteristics of concrete and reducing the capillary voids to near-zero.

Packaging:

MOXIE FLOORING SEALANT II is available as follows: * 55 gal drum(US) * 5 gal pail(US) * 1 gal bottle

Applicable Standards:

MOXIE FLOORING SEALANT II meets or exceeds the following performance specifications:

- ⊕ ASTM C 156
- ⊕ USDA
- ⊕ ASTM C 666
- ⊕ EPA
- ⊕ VOC=0

Surface Coverage:

Two coat coverage will yield approximately 125 sq. ft. per gallon, two coats. Second coat will use about half the amount of the first. Three coats, or more, may be required on very porous concrete. High moisture vapor emissions (16lbs/1000sf/24hrs to 26lbs/1000sf/24hrs) will require many more applications resulting in longer chemical reaction and drying times.

Preparatory Work:

Some steel troweled surfaces which have aged longer than 28 days may need to be shot blasted first, contact manufacturer. Any coatings, free or loose dirt, grease, oil, efflorescence or foreign matter must be physically removed first.

Limitations:

MOXIE FLOORING SEALANT II is formulated solely for concrete and should not be used on asphalt, metal, or wood products. Should not be applied below 60°F. MOXIE FLOORING SEALANT II will seal against a hydrostatic pressure and vapor pressure; however, any source of water must be diverted or stopped before application. Very damp or cold conditions may extend drying times. Higher temperatures will shorten drying times.

Application:

Mist concrete surface lightly with water prior to application. Acid washed surface must be **COMPLETELY REMOVED AND NEUTRALIZED** prior to application. Allow concrete to cure 28 days before application. Surface will still be porous enough to insure proper absorption.

APPLICATION METHOD: Apply a minimum of two coats as follows: Apply first coat by saturating the surface. Broom out any puddling. When this is **NEARLY** dry, apply second coat. Allow this to dry but not over 3 hours, then "mist" with water. After 24 hours, thoroughly saturate the surface. High porosity, suspended lightweight structural, or below-grade applications may require three or more coats. Each subsequent application may be applied until product absorbs evenly. Do not allow product to dry on surface.

Precautions:

1. Due to pH level **do not allow this product to come in contact with plant life or leather. DO NOT ALLOW PRODUCT TO COME IN CONTACT WITH GLASS, PORCELAIN OR CERAMIC TILE, ALUMINUM, ZINC OR GALVANIZED STEEL. Product will permanently etch or erode the smooth surface. Must be rinsed with water or removed with damp cloth immediately. DO NOT APPLY IN WINDY CONDITIONS.**
2. **Alkali salts (efflorescence), if present, will react with the carbon dioxide within 24 hrs. - 48 hrs. and become permanent calcium carbonates unless flooding is performed EVERY 24 HRS until no more efflorescence is present. If not, these salts will require physical removal such as wire brushing or sandblasting.**

Limited Warranty: 12 years