



VAPOR-STOP PRIMER Installation Guide

PRODUCT DESCRIPTION

VAPOR-STOP PRIMER is a 100% solids pigmented epoxy sealer designed for use over concrete to eliminate moisture vapor emissions and increase adhesion of subsequently applied systems.

COVERAGE RATES AND PACKAGING

VAPOR-STOP PRIMER

250-400 ft²/Kit

Sold in 1.5-Gallon Unitized Kit

SUBSTRATE REQUIREMENTS

Concrete

Concrete shall be structurally sound and stable. Concrete shall be free of dust, dirt, grease, contamination, surface laitance, and other potential bond-breaking substances that could impair adhesion. All cracks, gouges, and other surface defects need to be addressed prior to coating installation. Substrate and ambient temperatures must be above 50°F (10°C) during installation of coating. Relative humidity should not exceed 65% during installation of the coating. Environmental conditions must not be near the dew point during installation of the coating. Concrete must be mechanically profiled and prepared by shot-blasting, grinding, water-jetting, or other means of scarification to produce a Concrete Surface Profile (CSP) between #2 and #4, according to International Concrete Repair Institute (ICRI) Guideline No. 03732

Other Substrates

Consult with a Versatile Building Products representative for recommendations over other substrates.

STEP 1) INSTALLATION OF VAPOR-STOP PRIMER

(Note: Cure time is effected by environmental conditions. Do not force dry. High humidity and/or low temperatures can cause haziness and blushing in the coating. Material has a pot-life of 30 minutes based on an insulated 200 gram mass at a starting temperature of 77°F. **Warning: Large masses of mixed and/or heated material will have a shorter pot-life.**)

Mixing

Mix 2 parts by volume VAPOR-STOP PRIMER A-Component with 1 part by volume VAPOR-STOP PRIMER B-Component for 2-3 minutes using a jiffy-type mixing blade at no less than 400rpm. Transfer mixed material to a second mixing vessel and mix an additional 30 seconds to ensure that material along the sides of the first mixing vessel have been properly incorporated into the mixture.

Application

Apply mixture to the substrate using a brush, roller, or squeegee at a uniform coverage rate of 150-250 ft² per mixed gallon. Use spiked shoes when walking into wet material.

Subsequent Coats

Additional coats and techniques may be needed to obtain the desired results for MVT. VAPOR-STOP may allow MVT bubbling during the drying process due to high MVT in substrate. Consult with a Versatile Building Products representative for recommendations to achieve specific results.

Cure Times

Coating can typically accept light foot traffic in 8-16 hours, vehicular traffic with pneumatic tires in 36-48 hours. Full cure occurs in 5-7 days.

STEP 2) CLEANUP

Immediately cleanup splatter marks and tools with lacquer thinner. Clean hands and exposed skin with mild soap and water, and/or citrus based hand-cleaner.

ADDITIONAL CAUTIONS AND RECOMENDATIONS

- Do not force dry
- Coverage rates may vary
- Mask all areas that need protection
- Always wear protective clothing and equipment as required by OSHA and as necessary
- Read Material Safety Data Sheets before commencing work
- Store material at 50-70°F to prevent shortened pot-life due to excessive heat
- Coating may amber under exposure to ultraviolet light