



OPTISEAL™

- Fast-Drying Primer/Sealer
- Reduces Moisture Emission

Optiseal is a fast-drying high strength acrylic based, primer/sealer and subfloor moisture treatment specially designed to be used with Mohawk branded adhesives. OptiSeal™ can be used to isolate old carpet and cutback adhesive residues, to seal porous and dusty surfaces and as subfloor moisture treatment over concrete slabs that exhibit a moisture vapor emission rate, (MVER) of up to 8 lbs. per 1000 square per 24 hours or a relative humidity, (RH) up to 90%. It is non-flammable and has low odor and low VOC's which makes it ideal for use in schools, health care facilities, public buildings, and anywhere odor is a concern. OptiSeal™ also contains broad spectrum antimicrobial protection.

Site and Material Application

Site conditions, substrate preparations, requirements should comply with those specified by the Mohawk's installation guidelines. The installation site must be acclimated with HVAC in operation. The jobsite, substrate and the OptiSeal™ must be conditioned at a temperature of 65° – 85°F and an interior humidity of 30-65% for at least 48 hours before, and during the installation. When installation is complete the jobsite must be maintained at normal service temperature and humidity. If these conditions are not attainable, contact the Mohawk Technical Services.

OptiSeal™ can be applied over a variety of porous and non-porous properly prepared surfaces including steel, terrazzo, APA approved plywood, adhesive residue and concrete.

Before applying OptiSeal™ the substrate must be clean and free of dust, dirt, oil, grease, paint, curing compounds, concrete sealers and any other substance that may prevent proper adhesion. All concrete substrates must have an effective moisture vapor retarder. Concrete slab must be less than 8lbs. per 1000 sq. ft. per 24 hours, (ATSM 1869) or the RH must be less than 90%, (ASTM 2170).

Note: To correct a permanent moisture issue, use an appropriate moisture remediation system.

Application

Use as Primer /Sealer: Apply the OptiSeal™ only after all existing adhesive is mechanically removed to a smooth minimum residue. Apply sealer onto substrate with a 3/8" or 3/4" nap roller, rolling in the same direction at a rate of 20 – 25 yd.²/gallon. Keep the roller saturated and wet with OptiSeal™ throughout the installation in order to maintain a constant spread rate. OptiSeal™ must be dry for at least 2 hours if the

EnPress adhesive is applied with a roller or for at least 4 hours if a trowel application is required.

Use as Moisture Treatment: Apply the OptiSeal™ onto substrate with a 3/8" or 3/4" nap roller, rolling in the same direction at a rate of 20 – 25 yd.²/gallon. For optimum results, re-coat the substrate at 90 degrees to the first application after it has dried to touch. Keep the roller saturated and wet with OptiSeal™ throughout the installation in order to maintain a constant spread rate. OptiSeal™ must be allowed to dry to a clear film before applying adhesive. For old surfaces apply the OptiSeal™ as described above only after the existing adhesive is mechanically removed to a smooth clean surface.

Note: Drying time will vary with temperature, humidity and air velocity.

Cleaning: Clean tools with water while the product is still fresh. Use mineral spirit once dried.

Coverage: Coverage must not exceed 20 – 25 square yards per gallon. Certain site conditions can reduce coverage rates. It is the responsibility of the installer to ensure the correct amount of OptiSeal™ applied for site conditions.

Keep the roller saturated and wet with OptiSeal throughout the installation process in order to maintain a constant spread rate. Allow to completely dry until transparent. Drying time will vary with temperature, humidity and air velocity. See floor covering installation recommendations for further instructions.

Shelf Life: Two years from manufacturing date, in an unopened container at room temperature.

Protect from freezing.

Conditions excluded and not warranted:

- Installations that were not properly tested and treated as instructed
- Use over unapproved sealers and curing additives
- Improper application or use of sealer or adhesive or the use of unapproved adhesives
- Hydrostatic pressure in substrates or moisture readings higher than 8lbs Calcium Chloride or 90% In-Situ Relative Humidity as determined by ASTM F- 1869 and F-2170.
- Chemically cleaned subfloors
- Failures due to outside water sources such as outside grade is above substrate, sprinklers are soaking ground at building foundation, overflow drains not directed away from the foundation, flooding or other natural disasters or weather conditions.
- Failure of leveling patch compounds of any kind
- Damage caused by expansion joints or other structural areas.

NOTE: Refer to technical and material safety data sheets for complete information regarding uses, application, limitations and safety.