



Specifications Sheet

Hallmark 2 LVT Sealer Epoxy Based Sealer

***Moisture barrier up to 25 lbs on CaCl or 100% RH**
***Contains no water, solvents or VOC's**

DESCRIPTION:

Hallmark 2 Sealer is a two component, epoxy reaction resin based sealer for flooring installation high moisture sub floors. Hallmark 2 Sealer will lower moisture levels from a high moisture sub floor to an acceptable level and will bridge minor cracks in the sub floor. Hallmark 2 Sealer spreads easily and creates a dust free surface for your flooring installation. Hallmark 2 Sealer increases the bonding of applied primers, leveling compounds and/or adhesives.

PRE-INSTALLATION:

A successful installation requires proper preparation of the sub floor. Read and understand all applicable guidelines for sub floor moisture, and layout of flooring. All flooring to be installed must meet the flooring requirements before the floor is installed.

SUB-FLOOR

Do not apply Hallmark 2 Sealer onto a visibly damp or wet surface. Examine concrete sub floor for color, cleanliness, porosity and pre-existing residues PRIOR TO installation. Check the concrete subfloor for any contaminants and follow installation guidelines for proper subfloor preparation. It must be sound, permanently dry, clean, free of old adhesive or adhesive residue, as well as resistant to pressure and tension. Moisture content of all floors must be measured before installation.

SUB-FLOOR PREPARATION:

The condition of the sub floor will determine which type of mechanical treatment is required (e.g. wire brushing, sanding, grinding or shot blasting). Dust, paint, curing compounds, sealers, residual adhesives or other surface pollutants MUST be removed. Clean the surface with an industrial vacuum cleaner, tack or damp mop floor before application. Cracks and gaps must be treated prior to application of primers, sealers, leveling compounds, and/or adhesives.

MIXING OF COMPONENTS:

Lid contains the hardener. Pierce all the way through the plastic disc in center of lid and the bottom of the lid using a long screwdriver or similar tool. Let the hardener flow into the lower part of the bucket. Remove the lid and using a mixing paddle, mix both for at least 3 minutes using an electric drill with less than 300 rpm until an even color is reached. Mix slowly using the correct mixing paddle to avoid trapping air. Make sure to mix along wall and bottom-part of the container as well. Temperature of both components should be at least 50 °F before mixing. *Empty the entire contents of the pail onto floor immediately after mixing to prevent sealer from heating up and drying in the pail.*

INSTALLATION PROCEDURE:

After mixing, apply, undiluted, to the subfloor using the approved applicator. Make sure sealer is spread evenly and up to the perimeters for a successful installation. Do not exceed the maximum coverage. For sub floor moisture up to 18lbs/24hrs/1,000SF (calcium chlorite test) or 97% RH (in-situ probe), spread Hallmark 2 Sealer over no more than 140 SF/gal. For sub floors with a moisture content up to 25lbs/24hrs/1,000SF (calcium chlorite test) or 100% RH (in-situ probe), spread Hallmark 2 Sealer over no more than 70 SF/gal.

LIMITATIONS:

When using other than Hallmark products in conjunction with Hallmark primers, sealers, or adhesives, Hallmark denies any and all responsibility for any problems and/or damages without prior written approval from Hallmark. exposure, see MSDS sheet for information.

Sealer will not prevent moisture damages from hydrostatic pressure, underground springs, compromised vapor barriers underneath the slab, damaged water pipes, sinks, icemakers, faulty plumbing, flooding, etc.



FEATURES:

- works under any type of flooring
- seals slabs with any moisture content
- contains no solvents
- contains no VOC
- contains no water
- high solids content
- ozone friendly
- freeze/thaw stable
- contains no isocyanates

BENEFITS:

- low odor
- high spread rate
- spreads easily
- excellent penetration of sub floor
- higher temp and will shorten drying time
- watch pot life during installation

LONG TERM FEATURES:

- resistant against aging
- improves bonding of urethane based adhesives
- improves bonding of polymer adhesives
- moisture barrier up to 18lbs or 97% RH w/roller
- moisture barrier up to 25 lbs or 100% RH w/trowel
- suitable for radiant heat systems

APPROVED SUBFLOORS:

- Concrete Slabs
- Wet Concrete Slab up to 25lbs/24hrs/1,000SF and 100% RH
- Vinyl (well bonded, grinded & free of asbestos)
- Ceramic Tile
- Stone, Terrazzo
- Radiant Heat

APPROVED TROWELS:

- Foam Roller: up to 140 sf/gal
- Trowel: 7/64" x 5/64" (up to 70 sf/gal)

DRYING TIME:

12-18 hours, completely cured after 7days

TEMPERATURE DURING INSTALLATION:

50° to 90°F

RELATIVE HUMIDITY DURING INSTALLATION:

30% to 80%

PACKAGING:

- 2.5 gal. metal combo pail A & B
- 60/pallet

WEIGHT

8.9 lbs/gal

COLOR HARDENER

Yellow

POT LIFE

Approx.. 25 min at 70°F (21°C)

PH VALUE OF CONCRETE

Up to 14

WATER VAPOR TRANSMISSION (ASTM E-96)

0.012 grams/hour * m²

0.06 lbs/24 h * ft² inHg

PERMEANCE (ASTM E-96)

0.026 grams/24h * m² mmHg

0.04 grams/h * ft² inHg

STORAGE

above 14°F

SHELF LIFE

24 months in original, unopened container