



Specifications Sheet

Hallmark 1 LVT Primer Acrylic Concrete Sealer/Primer

- *Moisture barrier up to 8 lbs on CaCl or 85% RH
- *As a primer over Hallmark 2 Sealer
- *Used prior to any approved leveling compound or Hallmark 3 Adhesive

DESCRIPTION:

Hallmark 1 Primer is a pure acrylic based sealer for flooring installation. It does not contain any solvents, isocyanates or other harmful materials. It is therefore ozone and environmentally safe, is certified as "very low emissions", and is certified "green". Hallmark 1 Primer lowers the moisture levels from a humid sub floor to an acceptable level for flooring installation and to bridge minor cracks in the sub floor. Hallmark 1 Primer spreads easily, creates a dust free surface, has superior coverage and dries very quickly.

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

Prior to installation, the sub floor must be sound, dry, clean, free of any adhesives and resistant to pressure and its tension checked according to applicable installation guidelines. It must be solid and sound, flat, permanently dry, clean, free of chips, indentations and anti-adherents, as well as resistant to pressure and tension. Moisture content of all floors must be measured before installation. Sub floors must be below 8 lbs/24hrs/1,000 sq. ft. using the Calcium Chloride Test or less than 85% RH using the in-situ test. Prior to installation, the sub floor must be checked according to applicable installation guidelines.

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.

INSTALLATION PROCEDURE:

Shake before use and apply sealer undiluted with appropriate applicator. Make sure sealer is spread evenly. Do not exceed the maximum coverage. Higher temperatures will speed up the drying time.

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. For exposure, see MSDS sheet for information. Do not dilute primer/sealer or mix with other products.

FEATURES:

- dries in less than 2 hours
- contains no solvents
- contains no VOC
- nonflammable
- ozone friendly
- cleans with water works under Hallmark 3 Adhesive
- not freeze/thaw stable
- bridges cracks



BENEFITS:

cleans with warm water and soap
spreads easily
good penetration of sub floor
dries quickly
higher temp will shorten drying time
suppresses minor cracks in concrete slabs
no risk of sensitization

LONG TERM FEATURES:

improves bonding of water based adhesives
improves bonding of alcohol based adhesives
improves bonding of urethane based adhesives
improves bonding of polymer adhesives
moisture barrier up to 8lbs or 85% RH
suitable for radiant heat systems
no health hazards

APPROVED SUBFLOORS:

Concrete slabs
Wet Concrete Slab up to 8lbs/24hrs/ 1,000SF and 85%
RHcontains no VOC
Epoxy Sealers (100% solid, cured)

APPROVED TROWELS:

Sealer: 7/64 inch x 5/64 inch (up to 80sf/gal)
Primer: Foam or Short Nap Roller (up to 500 sf/gal)

DRYING TIME:

2 hours or until clear

TEMPERATURE DURING INSTALLATION:

50° to 90°F

RELATIVE HUMIDITY DURING INSTALLATION:

30% to 80%

PACKAGING:

2.5 gal. plastic jug
75/pallet

WEIGHT

8.6 lbs/gal

COLOR

Cream

PH VALUE OF CONCRETE

Below 12.4

WATER VAPOR TRANSMISSION (ASTM E-96)

0.118 grams/hour * m²
0.58 lbs/24 h * ft² inHg

PERMEANCE (ASTM E-96)

0.27 grams/24h * m² mmHg
0.41 grams/h * ft² inHg

STORAGE

above 32°F, not freeze/thaw stable

SHELF LIFE

12 months in original, unopened jug