



KOESTER VAP 1[®] 06 Primer

Non-Porous Substrate Primer

Description:

VAP-1[®] 06 Primer is a water based one component resin system for priming absorbent and non-absorbent substrates such as Koester VAP-1[®] moisture mitigation systems, terrazzo, marble, metal decking, ceramic, and quarry tile prior to the installation of the cementitious products. Follow each manufacturer's product data sheets for suitability.

Purpose/Use:

Koester American VAP-1[®] 06 Primer is a solvent free primer specifically designed to enhance the properties of cementitious products providing maximum adhesion between the substrate and the leveler. VAP-1[®] 06 Primer may be used over wooden substrates such as plywood and steel. VAP-1[®] 06 Primer may be used as a bonding agent on areas previously coated with Koester VAP-1[®] Products and prior to application of cementitious underlayments or separation screeds.

Benefits:

- Rapid Drying
- Excellent Bond
- Water and alkali resistant
- VOC compliant, water based, solvent free

Technical Data:

Data shown is under controlled laboratory conditions. Reasonable variations due to job site and other testing conditions may be experienced.

Mixing Time: 3 Minutes minimum

Working Time: Approximately 3 Hours at 70°F (21°C)

Drying Time: 30 Min - 1hour at 70°F (21°C)

Flash Point: None. Non-Flammable, Non-Explosive

Color: Light green. Dries transparent green.

Flooring Installation: Apply Koester VAP-1[®] 06 Primer by brush, roller or microcellular rubber squeegee. Surface and ambient temperature must be between 50-90° F. The coverage will vary between 450-600 ft²/gal depending on surface profile. Apply material evenly.

Surface Preparation:

The substrate to receive the Koester VAP-1[®] 06 Primer must be sound and clean, free of oil, gypsum compounds, wax, grease, sealers, curing compounds, asphalt, paint, dirt, loose surface material, and any contaminants that may act as a bond breaker. Weak concrete surfaces must be repaired to solid sound concrete by mechanical means.

Do not acid etch or chemically clean substrates prior to installation. Remove all dirt and dust by vacuuming. All subfloors must be clean, dry and at least 50°F (10°C) prior to application. VAP-1[®] 06 Primer may only be applied to a surface that remains sound and uncontaminated. Always use VAP-1[®] 06 Primer prior to application of self-leveling or trowelable cementitious products. **DO NOT APPLY OVER ADHESIVE RESIDUE.**

Mixing/Application:

Before use, allow container to adjust to room temperature (65°F). This will facilitate mixing. Shake container vigorously for 3 minutes, or empty into a clean mixing container and mix thoroughly using a mixing paddle or a mixer attached to a low rpm drill for 3 minutes. (<400 RPM)

Apply a THIN, even coat of primer to the substrate using a short-nap roller. Product may be broom or mop applied to achieve desired spread rates as required. Very porous surfaces may require two coats. Leave no bare spots. Avoid puddling and excess accumulations; remember to leave a thin coat. Heavy, thick applications may be detrimental to the cementitious underlayment products.

Allow to dry to a light green, transparent film, usually 1-2 hours at an ambient temperature of 70°F (21°C) and relative humidity of 50%. High humidity and low temperatures may extend drying time.

The subsequent application of cementitious products should be within 2 days; however application of these products may proceed as soon as the primer is dry.

Coverage:

Approximately 450-600 sq ft/gal

Coverage rates are estimates and are dependent upon substrate characteristics.

Packaging:

9.5 kg/ 2.5 gallons

Storage:

Always store in cool dry place unexposed to sunlight. Always tightly reseal container. Protect from freezing.

Shelf Life:

1 year when stored properly in original unopened container at temperatures between 50-90° F.

Clean Up:

Clean application equipment and tools with clean water immediately after use.

Precautions:

- Optimum working conditions are between 60°-80°F. Low temperatures and high humidity lengthen, and high temperatures and low humidity shorten drying time.
- Apply only a THIN layer of primer within one hour of mixing. Thick layers will provide a soft primer layer resulting in possible cracking of the cementitious underlayment.
- Apply only over properly prepared substrate.
- Always install a test area, insuring suitability of the Primer for intended use.

Warnings:

- Solvent free. Non Flammable. May cause irritation to eyes, skin, or respiratory system.
- Avoid contact with eyes or prolonged contact with skin. The wearing of gloves and safety goggles is recommended.
- In case of eye contact, flood eyes with potable water and seek medical attention. **DO NOT RUB EYES.**
- Do not take internally.
- Keep away from children and animals.
- Provide adequate ventilation.
- Once cured, mixed product presents no ecological risk.
- Consult Material Safety Data Sheet for further information.

KEEP OUT OF REACH OF CHILDREN
FOR INDUSTRIAL USE ONLY
READ MATERIALS SAFETY DATA SHEET
BEFORE USING
EMERGENCY RESPONSE: Infotrac 800-535-5053

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INFOTRAC 800-535-5053**

Warranty:

Koester American Corporation ("KOESTER") warrants for a period of one year from the date of manufacture, that this product is sold in conformity with the specifications agreed to by the manufacturer, and free from manufacturing defects. The manufacturer shall not be obligated under this warranty, for failure to comply with proper application and mixing procedures, including but not limited to, improper mixing, over-watering, incorrect application, weather conditions and other matters beyond the manufacturer's control. Sales are conditioned that Koester American Corporation products are customer tested to evaluate their suitability for the customer's intended purpose.

The manufacturer's obligation and liability under this warranty is expressly limited to the replacement of the product or its value, at the manufacturer's option, provided the product was used correctly. This agreement shall be governed by and construed in accordance with the laws of the Commonwealth of Virginia, and all parties consent to jurisdiction in the courts located in the Cities of Norfolk and Virginia Beach, Virginia and agree that no other courts shall be an appropriate venue for any disputes arising out of the relationship between the Company and the Customer.

EXCEPT AS STATED ABOVE, THE COMPANY MAKES NO WARRANTY OF MERCHANTABILITY AND NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE NOR DOES IT MAKE ANY WARRANTY, EXPRESSED OR IMPLIED, OF ANY NATURE WHATSOEVER WITH RESPECT TO THE PRODUCT OR THE USE THEREOF BY ILLUSTRATION AND NOT LIMITATION, IN NO EVENT SHALL THE COMPANY BE LIABLE FOR DELAY CAUSED BY DEFECTS FOR LOSS OF USE, FOR INDIRECT SPECIAL OR CONSEQUENTIAL DAMAGES, OR FOR ANY CHARGES OR EXPENSES OF ANY NATURE INCURRED WITHOUT IT'S WRITTEN CONSENT. THE FORGOING IS THE FULL EXTENT OF THE RESPONSIBILITY OF THE COMPANY EVEN THOUGH THE COMPANY MAY HAVE BEEN NEGLIGENT.

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