

**DESCRIPTION**

PRIMER A™ is a breakthrough acrylic copolymer primer technology with alkali resistance to pH 14 while providing superior bond to substrates when used with Dependable Self-leveling underlayments (SLUs).

PRIMER A is suitable for a wide variety of porous and non-porous substrates making it the only required primer in typical SLU installations. Designed with installers in mind Primer A offers maximum versatility, ZERO VOCs, fast drying, tremendous coverage and easy handling.

PACKAGING

- 5 gallon pail
- 1 gallon bottle

APPLICATIONS

- Concrete – absorbent & non-absorbent
- Gypsum
- Wood
- VCT
- Ceramic tile
- Cement terrazzo
- Cutback adhesive residue
- Metal
- Epoxy moisture vapor membranes (free from amine blush)
- Other approved substrates

FEATURES AND BENEFITS

- Exceptional bond performance
- Prolonged resistance to pH 14
- Maximum versatility for use over a wide variety of substrates
- Fast Drying
- Excellent Coverage
- Low odor and ZERO VOC

CHARACTERISTICS

Time to dry before SLU application	45-90 mins (Temperature & Humidity Dependent)
Open Time for SLU application after dry	Up to 48 hours (Must be kept clean)
Temperature for Application	50°F to 90°F (10°C – 32°C) Substrate & Ambient
Coverage per Gal	Porous Surface Diluted 3:1 (water:primer) 600 – 1000 ft² (applied by soft tip broom) Non-Porous Surface Undiluted 450 – 650 ft² (applied by roller)
Shelf life	24 months from date of mfg, stored properly (DO NOT ALLOW TO FREEZE)
Polymer Type	Advanced Acrylic Copolymer
Color	White
Flash Point	>212°F (100°C)

All specifications were tested in laboratory conditions: 73°F in a controlled environment using our approved water content. Changing the temperature, or mixing ratios, or the environment can effect these specifications. Call Technical Services if you have any questions.

LEED CREDIT

AREA	CREDIT	CATEGORY	HOW
Indoor Environmental Quality	EQ 4.2	Low Emitting Materials	Zero VOC
Materials and Resources	MR 5.1 MR 5.2	Regional Manufactured Material Regional Materials	Cleveland, OH >25%

General Guidelines

- For use in dry, interior applications environments only
- Not for installation over materials containing asbestos
- For application when substrate and ambient conditions are between 50-90°F (10-32°C)
- Moisture limits (RH or Moisture Vapor Emissions Rate (MVER)) are determined by the finished flooring and associated adhesive)
- Concrete surface temperatures must be at least 50°F (10°C), above the dew point and rising prior to application
- Not suitable for use over Luan, plastic, fiberglass, particle board, sheet vinyl, and other dimensionally unstable materials.
- Installation must conform to applicable local, state and federal building codes

References:

ASTM F1869 Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride

ASTM F2170 Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs Using in situ Probes

ASTM F-710 Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring

ASTM C1708 Standard Test Methods for Self-leveling Mortars Containing Hydraulic Cements

PREPARATION AND APPLICATION

Surface Preparation

All surfaces must be dry, sound, stable, and clean. Ensure surfaces are free from dust and dirt and any bond breaking materials (silicates, curing compounds, oils). Mechanically remove weak surfaces and any contaminants to sound surface. Always finish cleaning by a final removal of contaminants by vacuum.

Application Procedures

FOR PROFESSIONAL USE ONLY

Use chemical resistant gloves when handling.

Mixing

To address any settling, mix PRIMER A briefly with a low speed (300 rpm) mixer and paint paddle to ensure all contents are homogenous (typically 30 seconds). Use full strength as directed. When specific substrates require the dilution of PRIMER A, mix again after diluted to the desired ratio with low speed mixer (typically 1 min). Remix diluted material if it sits more than 24 hours.

Material Application

Substrates can be tested for absorbency onsite. Place a bottle-capful of clean water on the substrate, if it readily disappears into the substrate, substrate is absorbent.

Absorbent Substrates

(Typically Concrete, Gypsum); Dilute Primer 3:1 (water:primer). Ensure the substrate stays wet for at least 15 minutes. Substrates that “flash dry” may require additional dilution, or other remedial actions. If substrate does not stay wet at least 15 minutes, contact Dependable Technical Support. Gypsum substrates tend to be very absorbent and may require additional dilution.

Once diluted use a push broom with fine tips and spread PRIMER A with the broom working it back and forth across the surface to ensure penetration into the pores of the substrate. Avoid allowing the material to puddle, rather spread any puddles uniformly across the surface. Some highly porous surfaces may require an additional primer coat (primer effectiveness can be water tested with a capful of water after it has dried).

Non-Absorbent Substrates

(Wood, VCT, Adhesive Residues, Cement Terrazzo, Moisture Membranes). Apply undiluted PRIMER A with a paint or dual cage roller using a 3/8" nap roller. Spread to ensure the entire surface is covered with a thin, even film, avoiding puddling. If material puddles, spread uniformly across substrate.

Dry Time

Ambient conditions (temperature, humidity, air movement) will impact dry time. Universal Primer typically dries in 45 minutes to 90 minutes. Roll out to a uniform film with no ridges or primer build. Areas must be re-primed if more than 48 hours passes or in the case of contamination by dust or foreign material.

Clean-up and Disposal

Wash hands and tools with water before the dries to a film to ensure easiest removal. Dispose of waste in accordance with all local, state and federal regulations.

Storage

Store in cool and dry conditions, out of direct sunlight in sealed containers. DO NOT ALLOW TO FREEZE. If material freezes, dispose in accordance with local, state and federal regulations.

24 HOUR EMERGENCY: CHEMTREC® 1-800-424-9300
NON-TOXIC and NON-FLAMMABLE

Keep container closed and keep away from children.

If taken internally, call a physician. Technical Assistance: Visit our website: floorprep.com or call 1-800-227-3434.

It is always recommended that other branded products are tested with Dependable's products prior to use.

LIMITED WARRANTY:

Dependable, LLC warrants to the initial purchaser only that the goods sold hereunder will be free from defects in material and workmanship and, except as otherwise set forth herein, will conform to the specifications provided. If any failure to meet this warranty appears within one year from the date of shipment of the goods, on the condition that Dependable, LLC. will correct any such failure by either replacing or repairing any defective goods, at Dependable, LLC's option.

The preceding paragraph sets forth the exclusive remedy for all claims based on failure of or defect in the goods sold hereunder, whether such failure or defect arises before or during the warranty period and whether a claim, however instituted, is based on contract, indemnity, warranty, tort (including negligence), strict liability or otherwise. The forgoing warranty is exclusive and is in lieu of all other warranties whether written, oral, implied or statutory.



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