

ACRYLIC PRIMER

High-Adhesion Acrylic Primer



PRODUCT DATASHEET

DESCRIPTION: Rapid Set® ACRYLIC PRIMER is a concentrated acrylic primer that improves the adhesion of Rapid Set cementitious products to prepared concrete. ACRYLIC PRIMER acts to prevent pinholes from forming in the finished surface.

SURFACE PREPARATION: ACRYLIC PRIMER is intended for use on prepared concrete. Surface must be dry, porous, clean, sound, and free of oil, curing compounds, dust, mastic and other bond breakers. Mechanically profile the surface by shot blasting or grinding. Acid etching the concrete surface is not recommended.

MIXING & APPLICATION: Shake well to ensure there is no sediment in the container bottom and to thoroughly mix the primer. Mix with water at low speed using a drill and paint mixer in a clean container.

For normal concrete, mix at a ratio of 1 part primer to 1 part water. Excessively absorbent concrete surfaces require multiple coats with the first coat mixed at 1 part primer to 3 parts water. Additional coats must be mixed at 1 part primer to 1 part water. Allow each coat to dry and become tack free. Repeat as necessary until the final coat of primer stays wet for at least 20 minutes. Lower temperatures and/or higher humidity will extend drying time.

Apply primer to substrate and work into the concrete surface with a soft-bristle push broom. Paint roller or spray application will not achieve sufficient coverage. Spread evenly to avoid puddles and to thoroughly coat the surface. Maintain material, surface, and ambient temperatures above 50° F (10° C).

Apply Rapid Set self-leveling flooring products when the primer is thoroughly dry. If more than 24 hours have elapsed, reapply primer.

COVERAGE & PACKAGING: ACRYLIC PRIMER is available in 1-gallon bottles. Coverage is about 400 ft² to 600 ft² (37 m² to 56 m²) per gallon.

SHELF LIFE: ACRYLIC PRIMER has a shelf life of 2 years the from date of manufacture when stored properly in a dry location, protected from moisture, out of direct sunlight, and in an undamaged package. Do not allow material to freeze.

USER RESPONSIBILITY: Before using CTS products, read current technical data sheets, bulletins, product labels and safety data sheets at www.CTScement.com. It is the user's responsibility to review instructions and warnings for any CTS products prior to use. Acrylic Primer is not for use in wet environments or on substrates that have a Moisture Vapor Emission Rate greater than 5 lbs. per 1000 ft² (2.26 kg per 92.9 m²) in 24 hours or relative humidity greater than 79%.

OVERVIEW

Highlights:

Improves Adhesion: Seals porous concrete to prevent pinholes

Coverage: 400 ft² to 600 ft²

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03 05 00 Concrete Bonding Agents, Admixtures and Adhesives

Manufacturer:

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WARNING: AVOID CONTACT WITH EYES AND SKIN. Close container after each use. Do not reuse container. Dispose of container and primer residue in accordance with federal, state and local waste disposal regulations. Do not flush primer down drains, sewers or waterways. Carefully read and follow all cautions and warnings on product label. For complete safety information, please refer to product SDS available at www.CTScement.com. If material comes in contact with eyes, flush with cool, clean water for 15 minutes with eyes open. If irritation persists, consult a physician. If material comes in contact with skin, wash thoroughly with soap and water. If irritation persists, consult a physician. Always use in a well-ventilated area. Avoid inhalation. KEEP OUT OF REACH OF CHILDREN. Acrylic Primer is non-toxic, non-explosive and non-flammable.

Please refer to the SDS and www.CTScement.com for additional safety information regarding this material.

LIMITED WARRANTY: CTS CEMENT MANUFACTURING CORP. (CTS) warrants its materials to be of good quality and, at its option, will replace or refund the purchase price of any material proven to be defective within one (1) year from date of purchase. The above remedies shall be the limit of CTS' responsibility. Except for the foregoing, all warranties expressed or implied, including merchantability and fitness for a particular purpose, are excluded. CTS shall not be liable for any consequential, incidental, or special damages arising directly or indirectly from the use of the materials.

⚠ WARNING: Can expose you to benzophenone, a carcinogen.
See www.P65Warnings.ca.gov.

TYPICAL PHYSICAL DATA

Properties

Concentrated formula

Extend with water

Accepts topping in 1 to 24 hours

Thickness

2 mils

Yield

1 gallon 400 ft² to 600 ft²

Data obtained at flow consistency at 70°F (21°C)



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