



# Latex Underlayment Regular 962 HiBuild 967

## Floor Leveling System

### PRODUCT DESCRIPTION

LATEX UNDERLAYMENT is a self-curing, liquid latex-Portland cement-based floor leveling system for leveling most types of floors prior to installation of resilient floor coverings, carpet and ceramic tile. A development of our own research laboratory, LATEX UNDERLAYMENT represents a major improvement in a cementitious leveling material.

#### ▶ LATEX UNDERLAYMENT REGULAR 962

Designed for pours from featheredge to 3/8" (9.5 mm) thickness.

#### ▶ LATEX UNDERLAYMENT HiBUILD 967

Designed for pours from 1/8" to 1 1/2" (3 to 38 mm) thickness.

#### ▶ BASIC USE

LATEX UNDERLAYMENT is produced under rigid control and formulated with high quality latex and cement. Product features include the following benefits: a permanent, vibration resistant bond and high compressive strengths; water, mild acid, and alkali resistant.

Easy to mix and to apply, LATEX UNDERLAYMENT will featheredge without crumbling due to special particle distribution. When properly mixed, LATEX UNDERLAYMENT will not shrink when setting, resists breakdown due to dampness, and cures to a semi-resilient but very tough surface that will not check, crack or break-up.

LATEX UNDERLAYMENT will enable you to prepare all types of subfloors from small spot jobs to large areas where an extremely smooth and durable surface is required prior to installing all types of floor coverings.

#### ▶ AREAS OF USE

LATEX UNDERLAYMENT may be used for both interior and exterior applications where a permanent water-resistant surface is required. In addition to providing a surface for decorative floor coverings, it may be used as a wearing surface. HiBUILD UNDERLAYMENT 967 is an excellent resurfer for garage and warehouse floors. LATEX UNDERLAYMENT will accept all types of adhesives and coatings after proper curing.

#### ▶ LIMITATIONS

LATEX UNDERLAYMENT must not be used over gypsum based surfaces, particle board, plastics or steel. Apply in temperature range of 40°F to 90°F (4°C to 32°C). (*Do not allow mortar to freeze for the first 72 hours.*)

### ▶ APPLICABLE STANDARDS

There are no industry standards established for this product.

Color — Gray

Texture — Powder: consisting of Portland cement, graded sand, organic and inorganic chemicals. Liquid: White, free flowing liquid.

### ▶ PACKAGING

REGULAR 962 Powder—40 lb. (18.1 kg) bags.  
HiBUILD 967 Powder—50 lb. (22.7 kg) bags.  
Liquid—4 / 1 gallon (3.8 L) cases, 5 gallon (18.9 L) pails, 55 gallon (208 L) drums.

### INSTALLATION

#### ▶ PREPARATORY WORK

Surfaces must be dry and free of all grease, oil, dirt, dust, curing compounds, sealers, coatings, efflorescence, old adhesive residues, gypsum based underlayments and any other foreign matter.

#### ▶ CEMENTITIOUS SUBSTRATES

Cleaning may be accomplished via mechanical sanding, scraping or chipping. Surfaces may be cleaned with muriatic acid (*use proper precautions*) if thoroughly flushed and neutralized. Smooth, steel troweled concrete surfaces must be roughened to ensure a good bond. Do not leave puddles or standing water on surfaces. Concrete floors must be cured at least 7 days and be free of any excessive moisture. Surface should be primed with CUREMIX® 937 using a broom for application of primer. Primer should be allowed to dry to a tacky condition before applying underlayment.

#### ▶ WOOD SURFACES

When spot patching over plywood floors, be sure all sheets are securely nailed. The wood MUST be primed or brush coated with CUREMIX 937. Wood applications recommended for above grade and interior use only. This product is not recommended for use over stripwood flooring. For complete leveling over plywood use LEVELCURE.

#### ▶ MIXING

Using a clean container, add one bag LATEX UNDERLAYMENT 962 powder or LATEX UNDERLAYMENT HiBUILD 967 powder to 1 gallon (3.8 L) CUREMIX 937. Do not over mix. Mix only until a smooth consistency is obtained. (*Do not use high speed electric type mixer.*) If adjustment is required, do not add water, add only liquid latex as required. Mix only the amount that can be troweled on to surfaces in 30 to 40 minutes. Always add powder to the liquid.

### ▶ APPLICATION

LATEX UNDERLAYMENT 962 is for applications from featheredge to 3/8" (9.5 mm) depth. Use HiBUILD LATEX UNDERLAYMENT 967 for applications from 1/8" to 1 1/2" (3 to 38 mm). Use a multiple pour procedure for deeper pours than 1 1/2" (38 mm). Do not over trowel. If an extra smooth finish is desired, allow mixture to firm, then sprinkle with CUREMIX and lightly trowel until desired finish is reached. When LATEX UNDERLAYMENT has been placed in the area to be covered, it should be keyed and troweled to the substrate to make certain it wets properly. This assures a good adhesion and bond. Start finishing immediately using a steel trowel. Unlike regular cement mix, this product should not be over troweled or retroweled. When leveling large areas, screed surface with strike-off bar using two men to prevent skinning as skinned over underlayment is more difficult to finish without tearing surface. Clean tools as work progresses. Do not allow LATEX UNDERLAYMENT to dry on tools.

### ▶ CLEANING

Water is all that is needed to remove uncured mortar.

### ▶ CURING AND GROUTING

A minimum cure is obtained in 18 - 24 hours, depending on ambient temperatures. As with concrete, the strength increases significantly with age during the first 28 days. Always check for moisture before installing vinyl floor coverings.

### ▶ COVERAGE

Will be approximately 40 sq. ft. (3.7 m<sup>2</sup>) per 40 lb. (18.1 kg) bag at 1/8" (3 mm) thickness.

### ▶ WARRANTY

LATEX UNDERLAYMENT is included in C-Cure's Five Year System Warranty. For terms and conditions see Warranty Document #WRTDS.

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**GUARANTEE**

The recommendations, suggestions, statements and technical data are based on the best knowledge available to C-Cure and are given for informational purposes ONLY and without any responsibility for their use.

C-Cure MAKES NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE PRODUCT SOLD HEREIN except that the quality of the ingredients shall be in accordance with C-Cure specifications. It is expressly understood and agreed that the buyer's sole and exclusive remedy shall be replacement of defective products and under no circumstances shall C-Cure be liable for incidental or consequential damages. C-Cure neither assumes nor authorizes any others to assume for it any liability with respect to furnishing of the product. Handling and use of the product are beyond the control of C-Cure, therefore, no warranty is made, expressed or implied, as to the results obtained from the use of the product or against any claims for infringement of patents resulting from the use of the product.

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LATEX UNDERLAYMENT 962/967 TECHNICAL DATA				
TEST	TYPICAL VALUES			
	REGULAR LATEX UNDERLAYMENT		HiBUILD LATEX UNDERLAYMENT	
A. Working Time 70°F (21°C)	30 Minutes			
B. Initial Set 70°F (21°C)	2 Hours			
C. Final Set 70°F (21°C)	8 Hours			
D. Pot Life 70°F (21°C)	30 Minutes			
E. Compressive Strength ASTM C109	7 Days	3375 psi (237 kg/cm <sup>2</sup> )	3900 psi (274 kg/cm <sup>2</sup> )	
	28 Days	4000 psi (281 kg/cm <sup>2</sup> )	4500 psi (316 kg/cm <sup>2</sup> )	
F. Flexural Strength ASTM C348	28 Days	750 psi (53 kg/cm <sup>2</sup> )	1130 psi (79 kg/cm <sup>2</sup> )	
G. Tensile Strength ASTMC190	28 Days	370 psi (26 kg/cm <sup>2</sup> )	630 psi (44 kg/cm <sup>2</sup> )	
H. Bond Strength ASTM D3931	28 Days	500 psi (35 kg/cm <sup>2</sup> )	650 psi (46 kg/cm <sup>2</sup> )	
I. Safety—CAUTION: May cause eye, skin or lung injury. Contains free silica. Prolonged exposure to dust may cause delayed lung disease (silicosis). Eliminate exposure to dust. Use NIOSH approved mask for Silica dust. Contains Portland cement. If any cement or cement mixtures get into eye, flush immediately and repeatedly with water, and consult a physician promptly. Freshly mixed cement, mortar, concrete or grout may cause skin injury. Avoid contact with skin where possible and wash exposed skin areas promptly with water.				
KEEP OUT OF REACH OF CHILDREN.				
J. Storage Life—One year if kept dry in sealed bags.				

Members of National Tile Contractors Association,  
Materials & Methods Standards Association, Ceramic Tile Distributors Association.

NOTICE: The information in this bulletin is presented in good faith, but no warranty, express or implied, is given nor is freedom from any patent. In as much as any assistance furnished by C-Cure with reference to the safe use and disposal of its products is provided without charge, C-Cure assumes no obligation or liability therefore, except to the extent that any such assistance shall be given in good faith.

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