



# BUTTERCOAT

## Technical Data and Installation Instructions

[www.raecoinc.com](http://www.raecoinc.com)

### DESCRIPTION

RAECO Buttercoat is a two component, concrete repair and topping compound consisting of a uniform, premixed blend of Portland cements and graded aggregates with a liquid latex modifier to promote lasting surface adhesion. Used for renovation and new construction, Buttercoat can be applied from feathered edge to 1/8" (3.18 mm) thick. Buttercoat is a fine textured powder that is designed to be mixed with either RAECO R-25 or R-50 latex binder. Buttercoat is excellent for smoothing rough floors, repairing pinholes, cracks and minor imperfections for linoleum, vinyl, carpet and other finished floor products. Buttercoat is used primarily for horizontal surfaces, for interior or exterior use, and can be sanded to a very smooth finish. Buttercoat contains no gypsum, chlorides, ferrous metals or corrosive agents.

### PROPERTIES

- Working Time: Approx. 30 minutes @ 70° (21.1° C.)
- Flame Spread: 0
- Fuel Contribution 0
- Smoke Development: 0
- Compatible with most floor adhesives
- Smooth or broom finish achievable
- Fire Retardant
- Non-toxic
- Corrosion Resistant
- U.S.D.A. approved

### AREAS OF USE

- Underlayment for all finished floor products
- Horizontal applications
- Filling holes, cracks and spalled areas
- Elevation transitions
- Freeze/thaw-resistant
- Overlay to achieve very smooth surface
- Rained out or freeze damaged slabs
- Areas with varying weather cycle
- Smoothing rough finished concrete

### PACKAGING

- 32 lb. bags (14.4 kg - 40 bags per pallet)
- Liquid additive: R-25 or R-50 Latex
- 1.2 gallon container (4.5 liters)
- 5 gallon pail (18.9 liters)
- 50 gallon drum (189.5 liters)

### APPROXIMATE COVERAGE

32 lb. bag: 250 sq. ft. (23.0 m<sup>2</sup>) @ Skimcoat  
32 lb. bag: 64 sq. ft. (5.89 m<sup>2</sup>) @ 1/16" (1.59 mm)

The values presented are typical averages and are intended to serve as a guide only.

### SURFACE PREPARATION

Surfaces to be covered must be structurally sound, clean and free of dust, oil, grease, sealers, curing compounds, laitance, release agents or other surface contaminants. For smooth surfaces, we recommend mechanical abrasion to achieve an acceptable surface profile. The cleaning and preparation method selected depends on both the sub-floor material and its condition. Acid etching is not recommended. For optimum adhesion, mix Buttercoat with R-25 or R-50 latex to a slurry consistency and trowel or brush thoroughly into the area to be covered. RAECO R-2000 may also be used as a bonding medium. **DO NOT USE R-25 OR R-50 LATEX AS A BONDING AGENT.**

### MIXING

RAECO Buttercoat is mixed by adding R-25 or R-50 latex binder at a rate of approximately 1.25 gallons (4.74 liters) of latex binder for each 32 lb. bag of dry powder. More or less latex binder may be added to obtain the desired consistency, but do not exceed 2 gallons (7.58 liters) of latex binder for each 32 lb. bag. The latex binder should be added to the mixing container first, then the Buttercoat powder. Using a mixing paddle (a whip type is recommended) with a low speed drill (400 to 500 rpm), mix thoroughly (2 to 3 minutes) until the powder has been completely dispersed and the mix has acquired a smooth homogeneous texture. Do not add more latex binder once Buttercoat has started setting up. The pot life of the mix averages about 30 minutes and working time 30 to 45 minutes, depending on the temperature. It is recommended to mix only the amount of Buttercoat that can be applied within that amount of time.

### APPLICATION

Apply the RAECO Buttercoat mixture with a cement trowel, on the prepared surface. Should a broom finish be desired, do so soon after placement. Do not add or spray latex binder onto the surface for finishing, it may cause the surface to blister or spall. Rough spots or trowel marks may be sanded off the surface, using a fine grit sandpaper after Buttercoat has set up. Sanding should be accomplished after the appropriate time of curing has occurred, normally overnight. Allow an adequate curing time before applying a sealer, use the R-25 or R-50 latex binder or a water-based concrete sealer (surface or penetrating). Before installing any finished floor



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products, make sure to follow the adhesive manufacturer's recommendations.

When Buttercoat is to be applied on surfaces other than concrete (i.e., wood, metal, terrazzo, gypsum underlayments, etc.), consult RAECO's Technical Service Department for recommended preparation, bonding, and application procedures.

Note: RAECO Buttercoat mixed with RAECO Level-Flex Liquid presents a specialized grout over cutback adhesive residues, and also serves as an excellent embossing leveler.

### LIMITATIONS

Buttercoat should only be applied over substrates that are between 40° and 90° F. (4.4° and 32.2° C.) Do not apply in the rain, and do not allow to freeze before curing has taken place.

### WARNING

Buttercoat contains Portland cement and silica sand. Use of a dust respirator, safety goggles and rubber gloves are recommended. In case of contact with eyes, immediately flush with water and consult a physician. Avoid hazards by following all precautions found in the Material Safety Data Sheet (MSDS), product labels and technical literature. Please read this information prior to using product.

### WARRANTY

RAECO Specialty Cements, LLC. warrants that if its products prove to have manufacturing defects and RAECO is notified of such within six months from the date RAECO shipped the products, RAECO will replace the defective products F.O.B. factory. Such product replacement shall constitute the sole and exclusive remedy for any claim under this warranty. RAECO does not authorize anyone, including RAECO Representatives, to make any statements that supersede, modify or supplement the information provided on its printed literature or package labels without written confirmation from the RAECO Technical Service Department. Any installations proceeding without this confirmation, or improper installations of the products will void this warranty. Under no circumstances will RAECO be liable for economics, special, incidental, or consequential damages or losses of any kind whatsoever arising out of or occasioned by selection, use installation or replacement of this product.

**GUIDE SPECIFICATIONS: Consult RAECO for Buttercoat Guide Spec (4 pages) latest edition.**

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