

RAPID CURE (RC) POLYACRYLATE TERRAZZO PRIMER

1. PRODUCT NAME

Rapid Cure (RC) Polyacrylate Terrazzo Primer

2. MANUFACTURER

Bonsal American
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3. PRODUCT DESCRIPTION

RC Polyacrylate Terrazzo Crack Primer is a highly concentrated film-forming dispersion for priming and embedding RC Polyacrylate Terrazzo Crack Isolation Membrane

FEATURES AND BENEFITS

- Solvent-Free
- Water based rapid drying technology
- Non-flammable
- Excellent bond providing maximum adhesion

USES

- Shopping malls and Supermarkets
- Hospitals and Health Care facilities
- Educational facilities
- Public Transportation
- Banks, Office Buildings and Hotels
- Commercial Institutions
- Retail

4. TECHNICAL DATA

Color (Wet / Dry)	Light Green/transparent
VOC's	2.8 g/l
Flash Point	None
Flammability	Non-flammable

PACKAGING

2.64 gal (10L) jug

APPROXIMATE COVERAGE

280 - 450 ft² (26 - 42m²) - Depending on substrate characteristics.

STORAGE

Always keep in cool/dry place. Do not allow to freeze. Always tightly reseal container.

SHELF LIFE

12 months when stored properly in original unopened container.

LIMITATIONS

- ProSpec Level Set Primer Plus is an approved alternate for RC Polyacrylate Terrazzo Primer.
- For interior use only
- Project Supervisor and lead mechanics must be trained and be verified, in writing, by the IMI, International Masonry Institute, for RC Terrazzo installation.
- Apply when air or substrate temperature is between 45° F (7° C) and 90° F (32° C) within 24 hours of application.
- Apply only a thin layer within one hour of shaking the container.
- Do not dilute.
- Always install a test area, insuring suitability of the primer for intended use.
- Apply only on properly prepared substrates

SAFETY

READ THE MATERIALS SAFETY DATA SHEET (MSDS) BEFORE USING THIS PRODUCT. MSDS Sheets are available on our website www.prospec.com or contact CHEMTREC (24 hours availability) 800-424-9300 for International inquiries +01-703527-3887, or contact Bonsal American Technical Services at 800-704-525-1621 (8:00 Am to 5:00 PM Eastern US Time).

Surface Prep:

Surface Preparation - Concrete substrates:

- Clean area and remove all unsound concrete, grease, oil, paint and any other foreign materials that will inhibit performance or bonding ability
- Substrates must be stable, solid, free of all loose particles, dust and structurally sound
- Substrate shall have the proper level and tolerance of flatness as defined by the architect. Use ProSpec Level Set products, installed per the manufacturer instructions, to bring the substrate within specified flatness. (Industry standard 1/4" (6mm) in 10' (3.5m) Allow the leveler to cure a minimum of 24 hours before installing RC Polyacrylate Terrazzo Binder.
- Existing structural concrete must be mechanically profiled by shotblasting, aggressive diamond grinding, sand blasting or scarifying to achieve an ICRI CSP 3 to CSP 5 standard.
- Treat non-moving substrate stress cracks with an approved injection system as specified by the architect. Treat moving cracks with RC Polyacrylate Terrazzo Crack Isolation Membrane as specified by the architect or owner.
- Repair deep areas, holes and non-moving cracks with ProSpec® Floor Patch Pro prior to application and allowing for a minimum of 3 hours cure.
- Install a bond breaker where vertical surfaces meet the new topping.

NOTE: It is the responsibility of the installer/applicator to ensure that test areas are performed to determine the suitability of the product for its intended use.

Refer to:

- ASTM D 4259 Abrading Concrete
- ACI 201.1R Guide for Making a Conditions Survey of Concrete in Service
- ACI 224.1R93 Causes and Repair of Cracks in Concrete Structure
- ICRI 03732 Selecting and Specifying Concrete Surface Preparation for Sealers, Coatings, and Polymer Overlays.
- NTMA Bulletin "Installation of Terrazzo Divider Strips"

Primer Application

- Before using, allow containers to come to room temperature and shake well.
- Apply a full, even coat of primer using a 3/8" nap water base roller leaving no bare spots. (Do not use a mop or spray gun to apply.)
- Avoid puddling and excess accumulations.
- Allow to dry to a tacky clear, transparent film, typically 2-6 hours, with no milky wet spots before installation.
- If the primer turns clear in 30 minutes or less, then additional coats are needed.
- Allow the first coat to dry before applying additional coats.
- If primed floor is not covered within 24 hours, primer must be reapplied.
- Protect primed substrate from foot traffic and contamination by other trades.

Crack Isolation Application

- RC Polyacrylate Terrazzo Crack Isolation consists of RC Polyacrylate Terrazzo Crack Isolation membrane embedded RC Polyacrylate Terrazzo Primer
- Before using, allow containers to come to room temperature and shake well.
- Apply a full, even coat of primer using a 3/8" nap water base roller leaving no bare spots. (Do not use a broom, mop or spray gun to apply.)
- Immediately embed RC Polyacrylate Terrazzo Crack Isolation Membrane in the wet primer using the nap roller.
- After completely embedding the membrane, immediately apply a second coat of primer ensuring that the mesh is 100% covered. (Do not allow the primer to dry between casts.)
- Allow to dry to a tacky clear, transparent film, typically 2-6 hours, with no milky wet spots before installation.
- If primed floor is not covered within 24 hours, primer must be reapplied.
- Protect primed substrate from foot traffic and contamination by other trades.
- **Do not bridge over existing expansion or control joints**

Caution

- 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, flush eyes with potable water and call physician. DO NOT RUB EYES.
- Do not take internally
- Keep out of reach of children and animals
- Provide good ventilation
- Once cured, mixed product presents no ecological risk.
- Consult Material Safety Data Sheet (MSDS) for further information.

First Aid

Skin contact: Wash with water and soap.

Eye contact: Rinse thoroughly with water and consult a doctor.

Ingestion: Do not induce vomiting. Medical help is necessary. Show this label/safety data sheet.

LIMITED 1 YEAR WARRANTY FROM DATE OF MANUFACTURE: Bonsal American warrants that this product and the materials used therein meet or exceed the applicable standards listed and enforced at the time of manufacture. Bonsal American will replace any product or part which proves defective due to quality of ingredients used or due to the manufacturing process itself. This Warranty shall apply only if the product is used in strict accordance with applicable specifications and instructions provided by Bonsal American for its use, and Bonsal American shall not be liable otherwise. Replacement of any defective product, or, at Bonsal American's option, refund of the purchase of any defective product shall be the buyer's sole remedy under this Warranty, and Bonsal American shall in no event be liable for any damages in excess of the purchase price of the defective product. BONSAL AMERICAN SHALL IN NO EVENT BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL OR SPECIAL DAMAGES INCLUDING LOSS OF PROFITS OF ANY KIND.

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