

FS410

FIRST STEP™ ENCAPSULATOR

ADHESIVE RESIDUE ISOLATOR



Powered by Microban® for superior mold and mildew protection.

1. DESCRIPTION

ROBERTS® FS410 FIRST STEP™ ENCAPSULATOR is a high-strength polymer formulated to isolate adhesive residues including old cutback. Highly reactive, black asphalt-based cutback should be processed to remove trowel ridges so that only a thin, level film remains. Old cutback can react negatively with new adhesive, destroying the bond if not removed or encapsulated. FS410 ENCAPSULATOR can isolate the remaining cutback residue to prevent possible staining and damage to new adhesive and flooring. It provides a clean, neutral surface for installing new adhesive and flooring to ensure proper bonding.

Features and Benefits

- Isolates old multipurpose, pressure-sensitive, acrylic-based, and cutback adhesive residue
- Ensures proper bonding of new adhesive
- Protects against reactive cutback adhesive residue

Approved Substrates

Concrete substrates (on or above grade)

Concrete and radiant heated subfloors (surface temps not exceeding 85° F)

APA-approved plywood

APA-approved OSB

Association-grade particleboard

Old cutback residue

Pressure-sensitive adhesive residues

Multipurpose / carpet adhesive residues

Acrylic-based adhesive residues

2. TECHNICAL DATA

Product Type:	Acrylic Latex
Dilutable or Ready-to-use:	Ready-to-use
Color:	Translucent White
Odor:	Mild
Application:	3/8" Nap Roller
Coverage ft²/G:	315-360 ft ² /gal
Flammability:	Non-flammable
Curing Time:	Dry for a minimum of 4 hours, or until completely dry and hardened to the touch.
RH (ASTMF2170):	90% RH
Surface pH:	7.0 to 12
MVER (ASTMF1869):	10 lbs. MVER
Shelf Life:	2 years from date of manufacture when stored indoors in the original unopened container at 50-90°F
Storage:	Protect from freezing
VOC:	0 g/L



3. INSTRUCTIONS

Limitations

- Do not use if chemical adhesive removers have been used on substrate
- Protect from freezing
- Not for use with polyurethane adhesives

Preparation

Moisture testing must be performed and documented before installation begins. Subfloors and substrates must be clean, structurally sound, dry, and flat. All concrete subfloors must be in accordance with ASTM F710. Existing adhesive trowel ridges must be mechanically removed prior to applying FS410 ENCAPSULATOR. Excessive residue, soft adhesive, or any surface that does not support the film will result in failure. Do not use liquid cleaners or solvents to remove the adhesive residue. Any remaining adhesive residue must be well bonded with no flaking or peeling. Floors must be free of substances or debris that might prevent proper bonding including dust, dirt, paint, oils, epoxies, etc. All substrate cracks, chips, holes, joints or high spots must be adequately repaired. Patching compounds must be suitable for the use and applied according to the patch manufacturer's instructions.

Installation

Apply ROBERTS® FS410 FIRST STEP™ ENCAPSULATOR with a 3/8" nap roller, as an even coat over the entire surface of the floor. Make certain to keep the applicator roller wet with material. Only one coat is required. Allow to dry for a minimum of 4 hours, or until completely dry and hardened to the touch.

Do not use FS410 ENCAPSULATOR if solvent or chemical cleaners have been used. Perform a bond test with FS410 ENCAPSULATOR over any patching compound before general application of either. Containers must be kept tightly closed when not in use.

Clean-up

Clean up wet spills with soapy water. Dried FS410 ENCAPSULATOR may require the use of a solvent-based remover.

4. AVAILABILITY



4 Gal Plastic Pail	FS410-4	075378001195
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5. WARRANTY

Roberts Consolidated Industries offers a limited-product warranty on this product when installed in accordance with the printed specifications.

LIMITED WARRANTY: 10-Year limited bond warranty, provided the product was properly applied within its applicable shelf life and in accordance with: (a) ROBERTS Product Data Sheet specifications and (b) governmental regulations, codes and standard industry practices, (c) and flooring product manufacturers' guidelines for the specific floor covering installed. ROBERTS FS410 FIRST STEP™ ENCAPSULATOR is designed **and warranted for use only in conjunction with compatible adhesives manufactured by Roberts Consolidated Industries, Inc**

LIMITED-LIFETIME WARRANTY applies only for installations performed by industry-certified professional installers. Visit robertsconsolidated.com or call (866) 435-8665 for warranty details.

6. TECHNICAL SERVICES

For technical assistance or installation questions not covered in this document, please contact our Technical Services Department at (706) 277-5294 U.S.A.



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