



PROTEC-J

Weather- Resistive Barrier/ Non Cementitious Basecoat

DESCRIPTION

PROTEC-J is a polymer-based, non-cementitious, ready-mixed product. It is used as a trowel applied weather-resisting barrier to prevent water penetration and air leakage at sheathing board joints that is trowel applied.

PROTEC-J is a component of CoreFactor EIFS (Exterior Insulation and Finish Systems) and may also be used as a non-cementitious basecoat.

ADVANTAGES

- Highly flexible material
- Water vapour permeable
- Weather barrier
- Provides an excellent substrate for adhesively fastening EPS board
- Ready-mixed product that can be applied by trowel over approved exterior substrates

SUBSTRATES

Suitable for application over water-resistant gypsum sheathing, cementitious sheathing, concrete block or unit masonry, exterior grade plywood and OSB. See CCMC recommendations for liquid applied membranes. Other substrates may be approved on a job-by-job basis.

PACKAGING

60 lb (27.2 kg) plastic pail, 24 pails per pallet

COVERAGE

Weather Resisting Barrier

Approximately 180–240 linear ft (55–73 m) of joint per 5gal (19L) pail. 175-180 sq. ft. as a trowel applied weather barrier.

Non-Cementitious Basecoat

170-180 sq. ft. as a non-cementitious basecoat.

*Coverage given is approximate and vary depending on substrate, details and individual application technique.

PREPARATION

Substrates must be dry and free from any loose materials, grease, mold or any other material that would interfere with bonding. Sheathing board gaps should not exceed ½" (12.7 mm). Avoid application of PROTEC-J over uneven surfaces.

MIXING

Mix PROTEC-J using an electric drill with a clean and rust-free paddle. **Do not add cement.**

APPLICATION

Weather Resisting Barrier

PROTEC-J is applied with a trowel, over Protec-Tape, to bridge (do not fill) the gaps at sheathing board joints. Completely cover Protec-Tape with PROTEC-J to achieve a total thickness of 1/16" (1.6 mm) maximum.

Tip – Using a 6" paint roller, apply Protec-C to joint, while wet, apply Protec-Tape to joint allow to set. Then apply PROTECT-J over Protec-Tape.

Product must be applied in accordance with specifications. For more explicit application details, refer to the "CoreFactor EIFS Guide Specifications."

Non-Cementitious Basecoat

Trowel apply PROTEC-J to the substrate and immediately embed reinforcing mesh by troweling from the center of the mesh panel outward until the colour of the mesh is not visible. This will produce approximately 2 mm of thickness over the EPS foam board. Tip - Using a rounded pool trowel will help reduce trowel marks.

If the desired thickness is not achieved in one coat, a second, or skim coat, can be applied after initial set of the first coat. It is important to keep the skim coat as thin as possible. Product must be applied in accordance with specifications.

WORKING TIME

The drying time will be affected by the job conditions (temperature, relative humidity and wind) during application. Under average ambient conditions 15°C (59°F) and 55% RH, the product will be dry-to-touch within 2 hours, and fully set after 6 hours.

STORAGE

Keep in a dry, cool area protected from the weather and freezing.

SHELF LIFE

Shelf life is approximately 8 to 12 months if properly stored and sealed.

CAUTIONS AND LIMITATIONS

Application of PROTEC-J over pressure-treated or fire retardant treated wood is not recommended. If applied over a wood substrate moisture content must be 19% or below.

Do not apply in freezing weather or on frozen substrates. Do not apply when the temperature is expected to fall below 4°C (39°F) within a 24-hour period.



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SAFETY PRECAUTIONS

Do not take internally. Avoid skin & eye contact. KEEP OUT OF REACH OF CHILDREN. Please refer to M.S.D.S. for additional information.

WARRANTY

PROTEC-J is manufactured to strict quality standards using the highest quality ingredients. DARMEX fully guarantees its products and will refund or replace any product found to be defective. Liability is limited to replacement or refund only and no other warranty is expressed or implied. For individual products, DARMEX offers a 5 year material defect warranty. Please see written warranties for further details.

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