

UNIBOND™

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is a water-based acrylic copolymer adhesive used to adhere expanded polystyrene insulation board (EPS) to approved substrates. It is ready for use straight from the bucket and should never be mixed with cement, water or other additives. UNIBOND forms a very strong bond between the EPS and the substrate

Recommended Use

UNIBOND is used to adhere EPS to the following substrates: CDX exterior grade plywood (minimum 1/2" thick and screwed to the framing), exterior grade gypsum board, glass mat faced gypsum sheathing, concrete and CMU block.

Coverage

Each 5 gallon bucket will adhere approximately 300 to 340 ft² of EPS when using a 3/16" H x 5/8" W x 1-1/2" S U-notched trowel. Coverage will vary depending on job conditions, substrate flatness and application techniques.

Properties

Working Time

Working time of an opened bucket will be approximately 4 hours when the bucket is kept out of direct sunlight and covered while not in use. Low relative humidity and high temperatures can significantly reduce the working time.

Drying Time

Weather conditions and the absorbency of the substrate will affect drying time. Over plywood, at 70°F (21°C) and 70% relative humidity, UNIBOND will be adequately dry in 24 hours to allow work over the insulation board to continue. Lower temperatures, higher humidity or less absorbent substrate surfaces will extend the drying time. Protect work from rain and temperatures less than 45°F (7°C) until dry. UNIBOND achieves full adhesive strength in approximately 7 days.

Packaging (5 gallon bucket)

45 lbs. per bucket net
47 lbs. per bucket gross

Application

Surface Preparation

Surfaces must be sound and free of paint, dirt, grease, oil, efflorescence, form release agents and curing compounds. Plywood surfaces must be dry and protected from weather prior to the EPS application. Substrate surface must be flat within a 1/4" in any 4 feet radius.

Mixing

Not required. Do not add water or any other additives.

Application Procedures

Apply the UNIBOND adhesive directly to one entire side of the insulation board using a notched trowel 3/16" H x 5/8" W x 1-1/2" S. Full beads of adhesive should be applied to the entire surface on one side of the EPS board. Immediately install the prepared insulation board to the wall before the UNIBOND adhesive begins to form a film on its surface. Use firm pressure to set the insulation boards in place. Never trowel UNIBOND directly onto the substrate. The entire surface of the insulation board must be adhered to the substrate. Make sure that all edges of the insulation board abut tightly with no adhesive remaining between them. Any remaining gaps between the insulation boards larger than 1/16" must be filled with slivers of insulation or Foam2Foam™ gap and crack filler by Wind-lock or approved equal. CAUTION: Do not use UNIBOND to fill gaps between EPS boards. Do not proceed with any work over the newly installed insulation until appropriate drying time has been allowed for the UNIBOND.

Clean-Up

Clean with water while the UNIBOND is still wet.

Storage

Store UNIBOND in its original containers at temperatures not less than 40°F (4°C) or greater than 110°F (43°C) Store out of direct sunlight. Do not stack buckets more than 3 high.

Shelf Life

Approximately 1 year if properly stored.

Warranty

Corev America's UNIBOND is conditionally warranted as a component of the Precor EIFS system. FOR COMPLETE INFORMATION, CONSULT THE MANUFACTURER'S LONG FORM SPECIFICATIONS AND PRODUCT WARRANTIES. This warranty does not apply to any party constituting a "consumer" for purposes of the Magnuson-Moss Warranty Act. All other warranties, whether expressed or implied, including without limitation any warranty of merchantability or fitness for purpose are expressly disclaimed.

Limitations

UNIBOND is not recommended for use to adhere EPS to EPS. Ambient air and substrate temperatures must be above 45°F (7°C) and must not fall below 45°F (7°C) until the UNIBOND adhesive has fully dried.

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Safety

ALWAYS WEAR APPROPRIATE EYE AND SKIN PROTECTION WHEN USING THIS PRODUCT. HARMFUL IF SWALLOWED. BEFORE APPLYING THE PRODUCTS REFER TO THE COMPLETE LONG FORM SPECIFICATIONS OF THE COREV AMERICA PRECOR EIFS SYSTEM.

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