WALL-BOND 70

POLYMERIC BASECOAT & ADHESIVE

Technical Data & Application Instructions

PRODUCT DESCRIPTION

WALL-BOND 70 is a dry powder formula consisting of a blend of cement, sand and polymer that, when mixed at the jobsite with water to the desired consistency, forms a smooth, creamy, water-repellent basecoat for use in conjunction with the **UNI-TEX** Exterior Wall System. **WALL-BOND 70** can be used to embed **UNI-TEX** reinforcing mesh, or on its own — either as a leveling compound or to adhere EPS board to various substrates. It trowels easily, filling and leveling irregular surfaces, yielding a durable, flexible finish.

BASIC USES

WALL-BOND 70 was specifically developed for use as a base coat for embedding **UNI-TEX** Field Fabric in UNITED'S Exterior Insulation and Finish System (EIFS). It can also be used as an adhesive to affix insulation board to approved substrates, such as concrete, masonry and approved exterior wallboard products. **WALL-BOND 70** can also be used to relevel, fill, renovate and/or resurface these substrates.

PACKAGING & MIXING

WALL-BOND 70 is packaged in paper bags containing 50 lbs. of dry blend cement, sand and polymer. To use, pour 1¾ gallons of clean water into an empty, clean 5-gallon pail. Using a Jiffy-type mixer, constantly stir the water while slowly adding the **WALL-BOND 70** mix. Continue mixing until the entire container of **WALL-BOND 70** is thoroughly blended with the water, forming a creamy, uniform mixture. Once blended, allow the mixture to stand for approximately five (5) minutes to allow the viscosity to stabilize. Mix once again to break the initial set, then slowly add water until the desired consistency is achieved. Do not over-water, as excessive water will decrease the strength and vertical hold of the **WALL-BOND 70**. Once mixed, the workable pot life of the **WALL-BOND 70** is approximately 4 hours, depending on temperature and humidity.

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APPLICATION

All surfaces must be clean and dry, free of dirt, dust, oil, efflorescence, form or release agents, and other contaminants that may interfere with optimum adhesion. When applying **WALL-BOND 70** as a basecoat, all insulation board irregularities greater than 1/16" from plane must be sanded flush. Apply **WALL-BOND 70** to the entire surface of the insulation board at a thickness of approximately 1/16", or 1½ times the thickness of the Field Fabric being used. Trowel over the Field Fabric until it is completely encapsulated by the **WALL-BOND 70**. Any ridges or rough areas on the surface shall be removed with a rasp or heavy grit sandpaper after the **WALL-BOND 70** has thoroughly dried. The coverage rate will be approximately 100 to 110 sq. ft. per 5-gallon pail of blended material when embedding standard Field Fabric. The overall minimum basecoat thickness shall be sufficient to fully embed and encapsulate the mesh, so that no mesh is exposed once the **WALL-BOND 70** has dried. Areas requiring higher impact performance and/or using heavier mesh will require additional material.

When using **WALL-BOND 70** as an insulation board adhesive, apply the product using a stainless steel notched trowel (½" x ½" x 2") to the entire back side of the insulation board. If using the "Ribbon and Dab" method to adhere the insulation board to the wall surface, apply 2" wide by 3/8" thick ribbon around the entire perimeter of the insulation board. Place eight dabs of **WALL-BOND 70** mixture, 3/8" thick by 4" in diameter, approximately 8" on center to the interior area of the board. Immediately place the insulation board onto the wall surface and slide into place, tightly abutting adjacent insulation boards, and taking care to ensure there is no **WALL-BOND 70** between the panels. Press firmly over the entire face of the insulation board to ensure maximum adhesion. Mechanical fasteners can be utilized to overcome any contours in the substrate, or if there is any doubt as to adequate initial bond. When using the recommended notched trowel, one pail of blended material will adhere approximately 18 sheets of 2' x 4' insulation board. However, if using the ribbon and dab method, one blended pail will adhere approximately 15 sheets of 2' x 4' insulation board.

Clean tools and equipment, as well as any adjacent areas to which the **WALL-BOND 70** is inadvertently applied, with water while the material is still wet.

LIMITATIONS & PRECAUTIONS

WALL-BOND 70 must be protected from moisture. It should be stored in a cool, dry location out of the direct sunlight. Both the surface temperature and ambient temperature must be a minimum of 40°F (4°C) for 24 hours following application.

Avoid contact with eyes and skin. For additional information on safety requirements, refer to OSHA guidelines and **WALL-BOND 70** Material Safety Data Sheet.

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