

NEW YORK STUCCO

- **Single Component** – Just add water
- **Impact Resistant**
- **Crack Resistant**
- **Water Resistant**
- **Levels Surface Imperfections**

NEW YORK STUCCO Base Coat – EIFS base coat and insulation board adhesive is a high-performance, polymer-modified Portland cement base coat for use with NEW YORK STUCCO Finish in an EIFS configuration. NEW YORK STUCCO Base Coat embeds and secures the fiberglass mesh reinforcing fabric over the EPS board and forms a “base” or undercoat for the finish coat, which is applied on top as the final layer of the system. Additionally, it is an excellent adhesive for attachment of the EPS insulation board to the substrate.

INSTALLATION

Approved Substrates: Exterior grade gypsum sheathing (ASTM G79), expanded polystyrene insulation (EPS) board, fiberglass mesh reinforced cement backer board, Fiber Rock®, Durock®, PermaBase®, clean and unpainted masonry, concrete, brick, metal wire lath; also for embedding fiberglass mesh reinforcement.

Surface Preparation: Remove all loose concrete, grease, oil, paint, dust, form release agents or any other material that will inhibit proper bond. If there is concern that a good bond can be achieved, mechanical fasteners should be used to attach the insulation board. Recess heads of fasteners 1/8" (3.2 mm) and cover with NEW YORK STUCCO Base Coat prior to application. Scratch both sides of insulation board with rasp, wire brush or saw blade, making sure the shiny skin on the board is broken. The foundation wall must be damp when the board is placed.

Mixing: Each 50lb. (22.7 KG) bag of NEW YORK STUCCO Base Coat should be mixed with 1-1/2 gallons (5.7 Liters) of clean cool water. Add the powder to the water while mixing. The use of a high torque, low speed drill (400-600 RPM) with a paddle attachment or a mortar type mixer with rotating, rubber

edged blades is recommended. Mix to a smooth, trowelable consistency and allow the mix to stand for 5 minutes. Remix material, adding small amounts of water or base coat to achieve the desired working consistency. Do not use any additives. Do not mix more material than can be applied in one hour.

Adhering EPS Insulation Board: To attach the insulation board to the wall, apply NEW YORK STUCCO Base Coat to the back of the board at least 1/4" (6.4 mm) thick and 2" (51 mm) in diameter, making sure that the material covers a minimum of 50% of the board. An alternate method is to cover the entire back of the insulation board with base coat using a 3/8" (9.5 mm) notched trowel. Place insulation board on wall and push firmly. Using a block of wood, apply equal and even pressure to allow maximum bond to be achieved. After adhering insulation board to the wall, wait 24 hours before coating the face of the insulation board.

Base Coat Application and Embedding Fiberglass Mesh Reinforcement: Cut the mesh fabric into pieces that are manageable. For lightweight to medium weight fabrics, allow for a 2" (51 mm) overlap. Heavy mesh fabrics do not need to be overlapped; however care must be taken to butt the edges firmly



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Test Data

PHYSICAL PROPERTY	TEST	RESULTS
Accelerated Weathering	ASTM G153, 2000 hours	No cracking or chalking
Freeze Thaw Resistance	ICC ES AC 235	No cracking or erosion
Water Penetration	ASTM E331-00	No water penetration at 2.86 psf pressure differential
Structural Performance	ASTM E330, Procedure B	Positive load, 185 psf Negative load, 64 psf
Bond Strength	ASTM C297-94	20 psi, foam failure
Rust Resistance	ASTM B117-90, 500 hours	No rust; No damage to the coating
VOC		0

NEW YORK STUCCO

Are you looking for a cementitious alternative to acrylic stucco finish?

TESS® Thinset Exterior Surfacing System by Formulated Solutions is the only breathable, flexible cement finishing system designed for EIFS and one coat stucco applications. TESS is a new class of high-performance architectural finish that offers the advantages of both acrylic and cement stuccos. Designed from the ground up to eliminate or reduce environmental hazards, embodied energy, transportation and storage costs, and performance issues associated with EIFS or stucco wall systems, TESS is the greener alternative to acrylic and traditional stuccos. For more information, visit www.tessfinishes.com.



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together. Using a flat stainless steel trowel, apply NEW YORK STUCCO Base Coat to entire face of insulation board to a uniform thickness of 3/32" (2.4 mm). Immediately place the mesh reinforcement against the wet base coat mixture. Trowel from the center to the edges with the curve of the mesh against the wall, avoiding wrinkles. Apply until the mesh is fully covered and not visible. The overall minimum base coat thickness must be sufficient to fully embed the fiberglass mesh reinforcement.

Curing: NEW YORK STUCCO Base Coat is self-curing. Do not mist with water or damp cure. Under average drying conditions (70°F (21°C) and 55% R.H.) NEW YORK STUCCO Base Coat will dry in 24 hours.

Limitations: Do not apply to frozen surfaces. Do not apply if temperature is below 40°F (4.4° C) or will fall below 40°F (4.4° C) within 24 hours after application. Protect from rain for 24 hours.

Notice and Warranty Disclaimer: Formulated Solutions (FS) products are intended for use by qualified professional contractors, not D-I-Y consumers or handymen. Finishing systems and/or components must be specified by a qualified design professional, general contractor or builder as an element of a larger construction project. It must be installed in accordance with FS's instructions, the designer's specifications and local building code. Improper use of FS products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to this product, and to the structure of the building or its components.

FS disclaims all, and assumes no, liability for • products improperly applied by unqualified persons or entities • an improperly designed or constructed building • the nonperformance of adjacent building components or assemblies • other construction activities beyond FS's control • on-site inspections.

FS has provided the enclosed Instructions and Recommendations (I/R) to assist the USER in the application of this product. These I/Rs are not warranted to be comprehensive, complete, thorough or conclusive as regards any specific installation. It is the USER'S obligation

Do not apply over 1/4" (6.4 mm) thick when used as a base coat.

Packaging: 50 pound (22.7 kg) multi-wall paper bag.

Color: Gray

Coverage: Each 50 pound (22.7 kg) bag will cover approximately 50 square feet (4.6 square meters) of surface at 1/8" (3.2 mm) thickness or embed 100 square feet of fiberglass mesh reinforcing fabric.

Shelf Life: Store bags in a cool, dry location out of direct sunlight. Do not store bags on the ground or on concrete. Protect bags from weather and freezing. Shelf life is one year from date of manufacture.

Technical Assistance: Information is available by calling Formulated Solutions, Monday through Friday 8:00 AM to 4:30 PM EST. Telephone: (718) 267-6380 ext. 111 or Fax (718) 204-6013.

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For the most current and complete information on proper application, clean-up, mixing, specifications, warranties, cautions and disclaimers, please refer to the company manual or our website at www.formulatedsolutions.net.

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