



Description

STUCCOMAX™ is an inorganic mixture of mineral binders and limestone sand with exceptional performance, environmentally sustainable while providing strength, durability, and economy. It forms a strong bond with cement based products such as block or concrete, expanded polystyrene foam (EPS) with tensile bond strength exceeding the tensile strength of the foam substrate. Unlike other stucco's it does not require multiple coats. It can be applied as a one coat-two pass also known as a "double back" coat from 1/8" to 3/16" or thicker depending on application. STUCCOMAX™ is naturally tan-light grey color. STUCCOMAX™ replaces scratch and brown coats and can be installed in one day. A primer plus paint finish or color coat can be applied after fully cured to complete the installation. We highly recommend a masonry primer and exterior acrylic paint finish for ultimate weather resistance. STUCCOMAX™ is pre-blended; just add water at the job site and mix with conventional plaster/stucco type mixing equipment. It can be pumped and sprayed or hawk and trowelled with conventional plaster and stucco equipment.

STUCCOMAX™ is designed to be environmentally responsible and sustainable and emits no pollutants or VOC's. It uses only natural materials, with absolutely NO Portland type cement and qualifies for LEED point's benefits. The Product meets emission level requirements of GREENGUARD Product Quality. STUCCOMAX™ is silica free, and does not support the growth of mold and mildew.

PERFORMANCE BENEFITS AT A GLANCE

- Provides a hard, durable single coat over EPS exterior walls, over 3,000 PSI (20.68Mpa) compressive strength
- Applies directly over EPS foams or CMU block and provides a waterproof barrier
- Noncombustible building material
- Zero flame spread, and zero smoke developed indices
- Considered a vapor barrier
- Resistant to mold and mildew growth
- When applied at a thickness of 3/16" inch over EPS foam with 11 oz fiberglass mesh, the installation exceeds impact and indent performance of Sto and Dryvit comparable products applied in multiple coats at a higher cost.
- It is environmentally sustainable with a low carbon foot print
- Can be applied in one coat in one day.
- Pre-formulated mix, needs only water on jobsite
- Mix and apply using pumps/sprayers or hawk and trowel
- High Early Strengths
- Utilizes 11 oz fiberglass mesh for improved crack resistance as used in EIFS applications
- Installs by EIFS/Stucco and Plastering trades

COVERAGE

Packaging	Applied Thickness	Coverage	Weight (lbs/sq.ft)
STUCCOMAX™ 75 lb (34kg)	3/16" (5mm)	45 (4.18m ²)	1.67 (0.76 kg)

Product yields may also vary due to water content and substrate conditions.

Technical Data

TEST	STANDARD METHOD	RESULTS
Compressive Strength psi (Mpa)	ASTM C-109	3000 (20.68) @ 7 days
Flexural Strength MOR psi (Mpa)	ASTM C-293 modified	900 (6.20) @ 7 days
Tensile Strength	ASTM C-190	Meets or Exceeds
Tensile Bond Strength	ASTM C-297	Meets or Exceeds
Impact Resistance (in-lb)	ASTM D-5420	> 100
Water Absorption Permeability Test	ASTM C-642 MOAT No 33: 1986 The Assessment of Masonry Coatings	7 days 2-3 % Water vapor resistance (MNs/g) 10.2 Considered a vapor barrier
Shrinkage (% by length)	ASTM C-157	Air Cure -7 days 0.00
Accelerated Weathering QUV accelerated weathering	ASTM G-26 1000 hours	Meets or Exceeds Pass
Freeze-Thaw	ICBO AC 11	> 40 cycles No cracking, crazing, erosion
Surface Burning	ASTM E-84	Flame Spread: 0 Smoke : 0
Fire Resistance	ASTM E-119	Meets or Exceeds
Combustibility	ASTM E-136	Non-Combustible
Wind Loads	ASTM E-330	Meets or Exceeds

PACKAGING

STUCCOMAX™ is shipped in 75-lb. (34 kg) moisture-resistant plastic lined paper bags.

SHELF LIFE

When properly stored indoors in original sealed packaging, STUCCOMAX™ has a shelf life of one year from the date of manufacture.

APPLICATION

STUCCOMAX™- can be applied by pump and spray or hawk and trowel to the desired thickness in a single coat application. STUCCOMAX™ installation can be completed in one day, using a single coat method of application.

LIMITATIONS

Mixing water must be potable and water temperature not to exceed 75 F.

May be remixed or agitated during application but may not be re-tempered with water after initial mixing has taken place

Should be applied under ambient conditions of more than 35% relative humidity, and temperatures within the range of 40-85 F

Substrate temperature should not exceed 85 F.

PRODUCT WARRANTY

50 years from the date of installation, requiring compliance to the GigaCrete, Inc. Best Practices Guidelines for STUCCOMAX™ installation and subject to limitations listed above.



BUILD STRONG. BUILD FORWARD™

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