



# MESH MATTERS. It does great things.

Mesh matters because of performance, strength and durability. A unique piece of technology, mesh is the primary source of mechanical strength in an EIFS wall. The mesh delivers this strength to the system from the combination of thousands of fiberglass filaments all working together, helping enhance the longevity of EIFS. That is why EIMA members carefully qualify the mesh they specify. Requiring technically tested and code approved mesh use demonstrates an ongoing commitment to **PERFORMANCE, DURABILITY, STRENGTH** and **SAFETY**. As a result of this dedication, EIFS providers have researched and assembled composite mesh systems so strong, it is not necessary to change the system. Unqualified mesh may look the same, but building professionals should not trust a counterfeit substitute.

## PERFORMANCE



### SYSTEM

As with any building system, the performance of EIFS depends on contributions of each component. Reinforcing mesh should be open weave glass fiber treated in a coating compatible with other materials.<sup>1</sup>



### CODE COMPLIANCE

Evaluated based on combination of materials and system tests.<sup>1</sup>

Comprises **Section 1408 of International Building Code** as code-approved exterior wall cladding when installed in accordance with manufacturer's instructions.<sup>1</sup>



### EIFS: PROPER INSTALLATION + GOOD WORKMANSHIP + SPECIFIED MATERIALS RESULTS IN CLADDING BENEFITS

Surface treatment results in alkaline-resistance, water-resistance, flexibility, softness and resistance to aging.<sup>1</sup>

## DURABILITY



### CRACK RESISTANCE

High tensile strength e-glass type fiberglass with compatible coating is alkali resistant.<sup>1</sup>



### GOOD ADHESION

Evaluated and approved chemically compatible coating works in tandem with basecoat and does not degrade EPS.<sup>1</sup>



### IMPACT RESISTANCE

Continuous e-glass fiberglass woven in fabric mesh distributes and absorbs impact, similarly to protective ballistic vest material.<sup>1</sup>

Provides continuity of surface to increase impact resistance when embedded into base coat mixture.<sup>1</sup>

Meets standard impact test method ASTM E2486.<sup>1</sup>

## SAFETY + SUSTAINABILITY



### FLAME RETARDANT

Passes NFPA 285 fire performance testing.<sup>1</sup>

Approved mesh coating is self-extinguishing and has minimal smoke generation for job site safety.<sup>1</sup>

Mesh is primary mechanical system component that holds exterior lamina together during a fire.<sup>1</sup>



### HURRICANE TESTED

Meets Miami-Dade County Hurricane Test standards.<sup>1</sup>



### SUSTAINABLE

Fiberglass main ingredient is glass made from sand, an abundant natural resource.<sup>1</sup>

Fiberglass mesh is eco-friendly and recyclable with low thermal conduction.<sup>1</sup>

Helps earn ENERGY STAR, U.S. Green Building Council and LEED certifications.<sup>1</sup>



EIFS INDUSTRY MEMBERS ASSOCIATION

www.eima.com #EIFS

\*Does not apply for all EIFS manufacturers

1. Source. Web. <https://www.link.com/>

2. Name, Author (20XX, Month 1). "Title". Web. <http://www.link.com/>