



FLORIDA LATH & PLASTER BUREAU

A Hard System to Beat

For a beautiful and versatile exterior finish with the toughness, durability, and serviceability of concrete – select traditional portland cement-based plaster, Stucco.

It's time to rethink Stucco!

Endorsed by the following organizations:



Florida Lath & Plaster Bureau
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Stucco

Portland Cement-Based Plaster

The Benefits of Stucco

THE REAL THING

Aesthetic appeal and versatility of design have for centuries captured the imagination of architects and builders. Portland cement-based plaster has inspired designers to new levels of artistic expression in a variety of building projects when used alone or in a combination with other traditional building materials such as concrete, stone, brick, or wood.

Traditional portland cement plaster, stucco, is a time-tested exterior finish. It consists of portland cement-based materials and sand, mixed with water to form a workable plaster. Portland cement — the same material that is the basis for the hardened



properties of concrete used to build super-highways, bridges, runways, and skyscrapers — provides strength, durability, and toughness in stucco. Stucco is applied either by hand or machine to exterior and interior wall surfaces in two or three coats. It may be applied directly to a solid base such as concrete masonry or concrete walls or it can be applied to metal lath attached to frame construction. Applied directly to concrete masonry, portland stucco provides a tough 1/2-in. thick facing that is integrally bonded with the masonry substrate. When applied to metal or non-metallic lath, three coats of plaster form a 7/8-in. nominal thick-

ness. Two vapor permeable, weather-resistant barriers separate the stucco and lath from the moisture sensitive sheathing and framing. Stucco has high impact resistance and sheds water, but breaths, allowing water vapor to escape. It's a proven system that works in all climates.

Versatility of design and aesthetic appeal:

Stucco can be applied to most flat or curved surfaces, inside or outside, in any structure or building lending itself to innovative and creative solutions. Any project can be individualized. More exotic uses include simulated mountains, trees, and rocks in amusement parks and zoos.



Natural beauty:

Stucco's inherent natural beauty has for centuries enhanced structures around the world. It simply looks great on any type of architecture. It has been the preferred finish of discriminating builders, from lavish villas in Europe to modest abodes of Native Americans.

Unlimited textures and colors:

The finish possibilities are infinite, smooth to course, interesting variety; it is unique among the decorative finishing materials. It can be used to provide highlights, depth, and continuity. A nearly unlimited palette of colors are available to provide a uniform low maintenance finish for your most lavish designs. Imagination is the only limitation.



Tough, durable, long lasting:

For centuries, stucco has been known for its durability. Tough, long lasting, abuse and impact resistant, its performance in a variety of climates, enduring wet/dry and freeze/thaw cycles and the extreme desert heat, has made stucco the global standard in cladding materials. In addition, stucco's fire-resistant properties make it a safe covering for your home or business.



Long-term value:

Stucco is the most inexpensive wall finish by far. Its proven long-term value has been time tested and well documented. Stucco is the most durable and long lasting wall finish providing years of low maintenance beauty. Stucco is also easy and inexpensive to repair. Remodeling of existing stucco buildings easily allows change to the appearance of color and texture, giving new character and varie-

ty to old buildings. When you see all that stucco has to offer, you realize it is a “hard system to beat.”

STUCCO’S BIG ON BLOCK

Concrete masonry provides an excellent base for direct application of stucco in 2 or 3 coats. The use of open-textured concrete masonry units promotes mechanical keying between the stucco and base masonry wall. Because stucco and concrete masonry undergo similar volume changes, they are inherently compatible.



STUCCO’S FINE FOR FRAME

Stucco has been used over frame construction in the United States since before the turn of the century – long enough to develop proven procedures for installation. When stucco is selected as the exterior surface for frame construction, metal lath is attached to framing members. A vapor-permeable, weather-resistive barrier is applied over sheathing before attachment of the lath, protecting the sheathing and interior of the wall from outside moisture intrusion without trapping moisture vapor in the wall. Another layer of weather-resistive barrier is applied as a bond breaker for the stucco. Lath is self-furred to hold about 1/4 inch away from the sheathing. This permits the stucco to penetrate lath and surround the metal strands, embedding them and protecting the metal lath against corrosion. As the stucco hardens, the lath and plaster become rigidly interlocked, with the lath essentially performing as reinforcement. Movement joint accessories isolate plaster panels from building movement and accommodate

thermal- and moisture-induced volume changes in the finished plaster. Flashing redirects moisture to building exteriors. Weep screeds serve as plaster stops and direct moisture to wall exteriors.

For the right planning and preparation in the construction of stucco over block, concrete, or frame; the first step is to follow the requirements of ASTM C 926, the Standard Specification for Application of Portland Cement-Based Plaster. The result will be an attractive stucco finish having the toughness and durability of concrete.

For unlimited design possibilities in a tough, durable, and beautiful exterior cladding, remember traditional portland cement-based plaster, stucco.



It’s Time To Rethink Stucco!





Who We Are

The Florida Lath and Plastering Bureau is an industry association whose primary purpose is to support the stucco industry in Florida. We represent our industry's interests in the areas of standards and building codes; and we work hard to promote and protect the integrity of our product and our industry. We have produced several technical publications including guide specifications, technical bulletins, and advisory papers. And we have developed and conducted several workshops and other educational programs. Our members represent all segments of our industry; and the membership is open to anyone interested in the success and growth of quality stucco in Florida, and its members.

Our Mission

The mission of the Florida Lath & Plaster Bureau shall be to preserve, promote and positively affect the quality of traditional Portland Cement-based Plastering in Florida by providing technical support and education for Contractors, Sub-contractors, Home Builders, Building Officials, Architects, Engineers, and Producers; as well as to provide industry expertise to the development of Building Codes and Standards.

The FLAPB is endorsed by the following organizations:

Florida Concrete & Products Association

Florida Walls & Ceilings Contractors Association

Masonry Association of Florida

Support Your Industry

Today's construction environment is a fast-paced, ever-changing labyrinth of intersecting and often conflicting codes and standards that have long-ranging effects upon the manufacturers, plasterers, design professionals, building officials and contractors. As a member of FLAPB, you'll be able to stay ahead of the curve and keep your organization on track to provide the best, most current solutions for issues facing the plastering industry today.

Training & Teaching

The FLAPB strives to provide up to date training in all aspects of the plastering trade except apprenticeship. The Stucco Workshop, a 4-hour continuing education session, has been delivered to hundreds of plasterers, contractors, architects, engineers and building officials over the last 10 years. This is a comprehensive, code & standards, best practice based training session aimed at improving the quality of plaster work in Florida. As a member of FLAPB you'll be able to contribute to the content or presentation of this and any future workshops.

Unify

Your membership will afford your company the opportunity to discuss and develop agreed upon "best practices" for the industry. Many FLAPB members are also ASTM members. As a matter of course we discuss proposed changes to both the Standards and the Codes affecting plastering while endeavoring to come to a consensus as to the proper language and intent of these documents.

Coordination & Clarification

In an ongoing effort to reduce confusion, the FLAPB is actively pursuing the coordination of specific clauses in both the Codes and Standards for the purposes of both clarification and conflict resolution between the documents. Additionally, members have direct input into the content of Technical Bulletins issued by FLAPB. These bulletins are available as free downloads from the FLAPB website: www.flapb.com

Communicate

FLAPB is aligned with and endorsed by the Florida Concrete & Products Association, the Masonry Association of Florida and the Florida Walls & Ceilings Contractors Association. We work closely with all these organizations to provide interactive communications between the trades.

Observe

FLAPB members keep a close watch on upcoming trends and regulations in the industry. Movements are discussed and a course of action agreed upon by consensus vote.