

Senergy[®]

Stucco Resurfacing Systems

Repair with Confidence





Repair with Confidence

The common practice of patching and painting stucco cracks is only a short term fix. Senergy offers a longer-lasting approach to stucco repair.

Although its composition has been modified since the 1800's, stucco has been used as a reliable and durable wall cladding since ancient times.

Like any other cladding, stucco requires maintenance. Stucco, by nature, is brittle and has limited ability to tolerate building movement and freeze/thaw cycles. It cracks. Repair of minor hairline cracks is not critical or urgent, but as cracks spread and grow, they create potential for several undesirable and potentially costly conditions such as moisture intrusion, damage to the building's framing, leaks into the interior, etc.

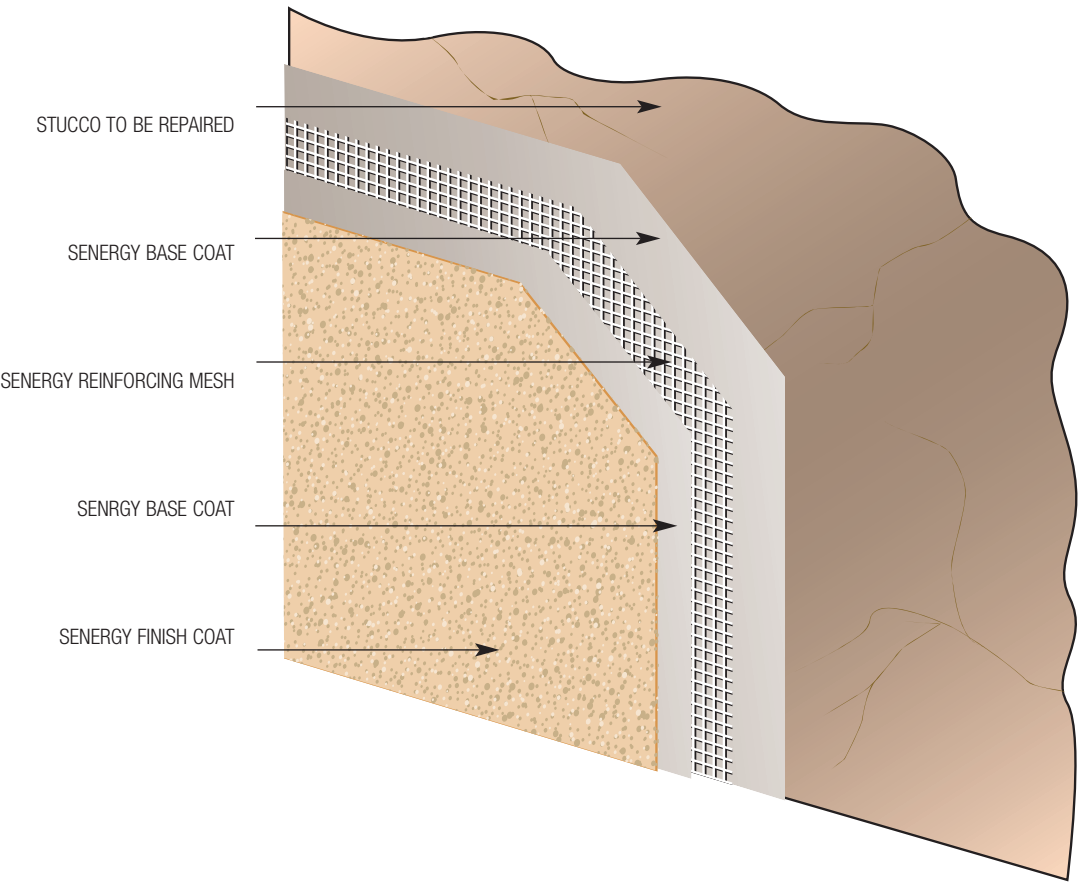
Repairs Designed to Last

The common practice of patching and painting stucco cracks is only a short term fix. New cracks will appear and patched cracks will reappear. Paint can also lose its bond, creating additional maintenance challenges.

Senergy offers a longer-lasting approach to stucco repair. A Senergy Stucco Resurfacing System creates a beautifully colored, textured and reinforced skin over the stucco surface. In addition to covering cracks for wall protection, its reinforced acrylic base coat and finish are able to resist new cracking.

Benefits include:

- Senergy Stucco Resurfacing Systems are the only approach to repair that truly adds crack resistance over the existing stucco wall;
- They provide a longer lasting approach to repairs – colored finishes are fade – crack – and peel-resistant. Composed of acrylic and cement materials, the base coats are compatible with stucco and will not lose their bond;
- They provide added weather resistance, protecting even against wind driven rain;
- With their inherent high water vapor permeability, they allow the wall to breathe, a necessity for long term performance;
- They yield a more uniform appearance; the building looks better from the street and the walls look better close up;
- With their wide adaptability and their easy integration of shapes, they expand design flexibility with superior aesthetics, enabling the total transformation of a building's appearance;
- Options allow for the replication of brick, cut stone, metal panels, granite, and more.





Limitations of standard stucco repair techniques

The life cycle costs of Senergy Stucco Resurfacing Systems represents a significant savings over traditional repair techniques.

Senergy Stucco Resurfacing Systems are the smartest approach yet to stucco repair. Their life cycle cost represents a significant savings over traditional repair techniques. Standard repairs most often include patching holes and cracks with stucco brown coat and finishing with acrylic or elastomeric paint, colored stucco or other finishing products, or simply filling cracks with caulk and then painting. We do not recommend these methods because of their limitations which include:

- Acrylic paints do not bridge cracks or hide cracks and therefore should not be considered repair materials;
- Caulk used for filling cracks has a limited lifetime; eventually it will require removal and replacement;
- Repairs to surface cracks using caulk often "read through" the paint; they result in undesirable variations in texture and color over the wall surface;
- Paints can be incompatible with the caulk used as crack filler. Out gassing from sealants can cause paints to lose their bond with sealants over time;
- Elastomeric paint must be applied to its designed mil thickness – neither too thin nor too thick - to achieve optimal elongation; they also require multiple coats to achieve target thickness.



Before



After



Stucco Resurfacing System Components

The Basics

For most applications over stucco, installation is a two step process that includes the following proven Senergy products

Alpha Base or Alpha Dry Base Coat

Both exhibit a strong tensile bond to prepared stucco. Alpha Base is comprised of an acrylic liquid that is mixed at the job site with Portland cement. Alpha Dry is a powdered version that requires only mixing with potable water at the job site.

Reinforcing Mesh

A 4 ounce/yd² woven fiberglass mesh, specially treated for resistance to the alkalinity present in stucco and cement. Mesh embedded in Senergy base coat delivers a high level of crack resistance that stucco alone can never provide.

Senerflex Finishes

Available in an endless color selection, Senerflex finishes come in seven textures. All are formulated from 100% acrylic resins to ensure flexibility, fade resistance, crack resistance and long term performance.

System Options and Upgrades

In addition to the basics, Senergy offers several products designed to address specific challenges posed by a project or to enhance the appearance or extend the performance of the finished wall:

- Tinted Primer/Stuccoprime – improve the finish appearance and reduce the chance of efflorescence.
- Xtra Stop Base Coat for added weather resistance around window

sills and jambs, parapet caps, and near landscaping.

- Senerlastic Finish – all the colors and most of the textures of Senerflex Finishes are also available in this elastomeric version which some owners prefer for its added flexibility.
- Specialty Finishes can provide the look of monolithic stone or brick, replicate the look of metal panels or provide several other unique looks that have to be seen to be appreciated.
- Senerflash – peel and stick membranes around rough openings in wall prior to installation of replacement windows
- Sonolastic 150 with VLM Technology Sealant – designed specifically for EIFS and stucco, it is backed by a single source warranty from BASF for the wall surface and sealant.
- In addition, decorative expanded polystyrene shapes are easily and economically integrated into the renovation, adding a high degree of visual interest to the building – at a very good value.



Reasons to consider Senergy® Wall Systems

1

Proven track record

Since 1979, Senergy® has been a leading brand in the EIFS and stucco industry.



2

Single source warranty

BASF stands behind the cladding and sealant. Sonolastic® 150 with VLM technology is the sealant designed for EIFS and stucco systems by our sister company, BASF Building Systems. Obtain more information at www.BASFwallsystems.com.



3

Technical support

- Consultation
 - On site
 - Plan review
- WVT analysis
- Additional engineering feedback



4

Vast, strategically located distributor network

Knowledgeable and service-oriented



5

Wide flexibility in aesthetics

- Color, texture and form
- Replicate brick, cut stone, metal panels, granite
- Totally transform a building's appearance



6

Access to approved applicators



7

Backed by BASF, the world's largest chemical company





In a world full of choices, we have focused our people, products, systems and network of support services on helping you produce the most beautiful and enduring structures possible.

When you build with Senergy®, you ***Build with Confidence®***.

Call us at 1-800-221-9255 to find out more and for a distributor in your area.

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Senergy®

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