

Senergy[®]

Renew Restoration Program

For buildings
of all ages

LIBRARY

A brand of
MASTER[®]
BUILDERS
SOLUTIONS

Senergy's Renew Restoration Program

As buildings age, they need care and maintenance to ensure that the products and systems used work together to provide the expected level of performance and protection.

Restored buildings need to look impressive, manage heat, air and moisture effectively, function with existing structural elements, meet evolving code requirements and do so in a cost-effective manner. The complexity and volume of information can be daunting.

The Renew program leverages Master Builders Solutions extensive resources and experience to provide a wide range of restoration solutions for a comprehensive building envelope solution.



Riverfront Building before and after restoration



Why Renew with Senergy

The urgency for **sustainability** and preservation of our natural resources grows daily. When a building is restored, we keep waste out of landfills and make responsible use of existing resources. Master Builders Solutions offers products and support for sustainable construction. Visit our website for easy access to LEED certifications, Red List Free product lists, and HPDs.

Energy efficiency is enhanced with improved protection against water and air infiltration, a prime contributor to diminished r-values.

Adding Senershield fluid-applied air / water-resistive barrier and insulation can be used to control air and water movement through the building.

Safety is improved by assuring the structural integrity of the building and facade. Better seals also prevent the passage of air and moisture, reducing mold and mildew, and improving interior comfort for building occupants.

The **return on investment** is considerable, both financially and environmentally. The restored building becomes an attractive asset to the community, increasing its value and desirability.

Master Builders Solutions collaborates with design professionals and contractors to solve problems and bring decades of knowledge and experience to the project.

Renew Solutions

The Renew program begins with maintenance of buildings and provides progressively more intensive solutions that match the needs of aging structures or preferences of new owners.

The Renew program includes four stages, including Refresh, Repair, Overclad and Reclad to meet the building's needs through out its life cycle.



Refresh

Aesthetic changes to a building can be accomplished quickly by recoating or refinishing an existing EIFS or Stucco project.

Repair

Clean and inspect the building, identify minor repairs to prevent larger issues in the future and extend the life of the cladding.

Overclad

In some cases, an existing cladding can be directly applied over to be repurposed for a new owner, purpose, or design improvement.

Reclad

Larger challenges with an existing cladding may require removal and recladding to address current problems and dramatically improve energy efficiency and design.

Renew Solutions

REFRESH

Aesthetic changes to a building can be accomplished quickly by recoating or refinishing an existing EIFS or Stucco project.

Depending on the existing cladding, there are two methods for refreshing the building's appearance. This can provide a face lift to the exterior appearance and facilitate repurposing a building for new tenants.

- Coat over the existing finish with Senergy's high performance wall coatings.
- Refinish by applying a layer of skim coat with fiberglass reinforcement then finish over an existing cladding using Senergy Textured Finishes.

REPAIR

Clean and inspect the building, identify minor repairs that need to be addressed to prevent larger issues in the future and extend the life of the cladding.

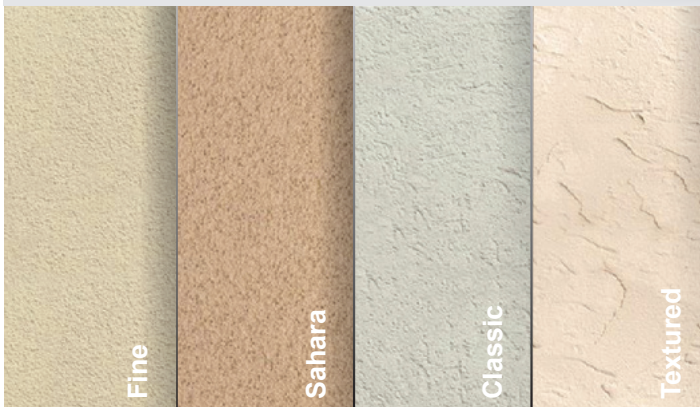
Wear and damage to the building envelope is most acute when it leads to moisture intrusion. Replacing sealants and repairing damaged claddings can help eliminate the need for expensive remediations necessary after substantial damage has occurred.



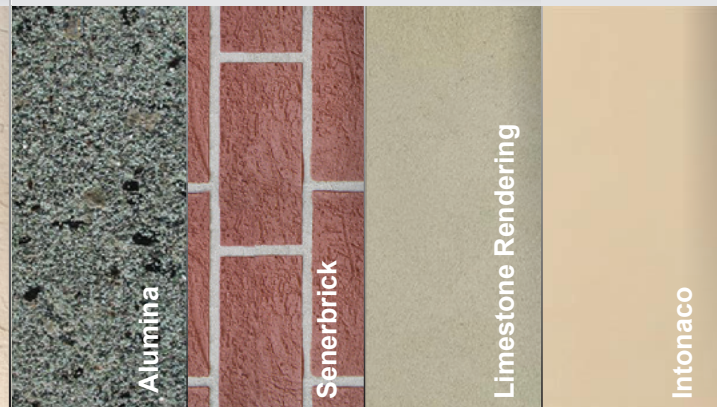
Senergy Finishes

Achieve the look and feel you want

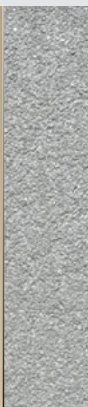
STANDARD



STONE/BRICK



SPECIALTY



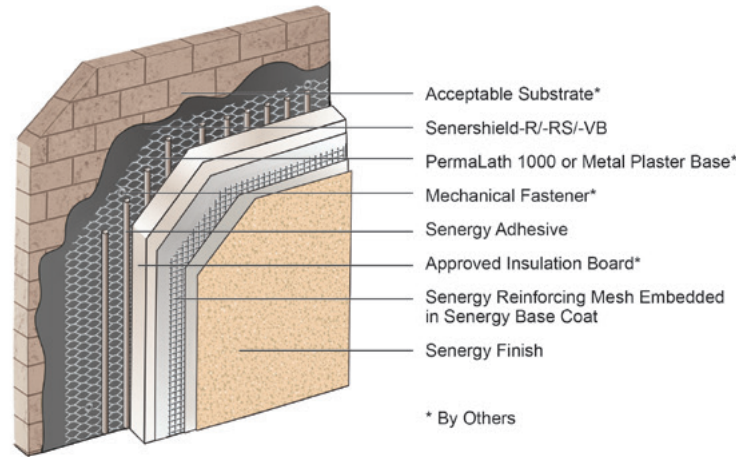
OVERCLAD

In some cases, the existing cladding can be directly applied over to be repurposed for a new owner or aesthetic.

It is important to consider the building condition and project objectives when selecting and designing with a Senergy wall system. Where a mechanically-fastened cladding is required, Senergy's Adhered Mat Design is preferred for irregular substrates. Contact your local Senergy Sales Representative to discuss your buildings needs.

Senergy Adhered Mat Design utilizes a non-metallic lath mechanically fastened to the inconsistent substrate. Adhered Mat Design reliably provide the highest level of wind load performance.

Senergy Adhered Mat Design



RECLAD

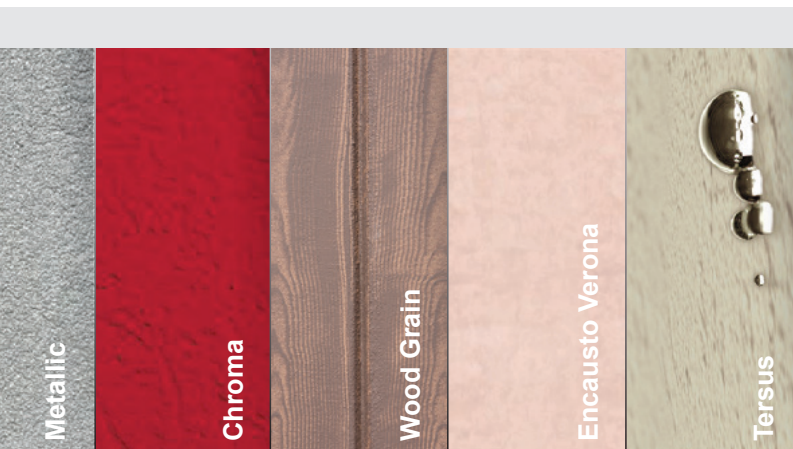
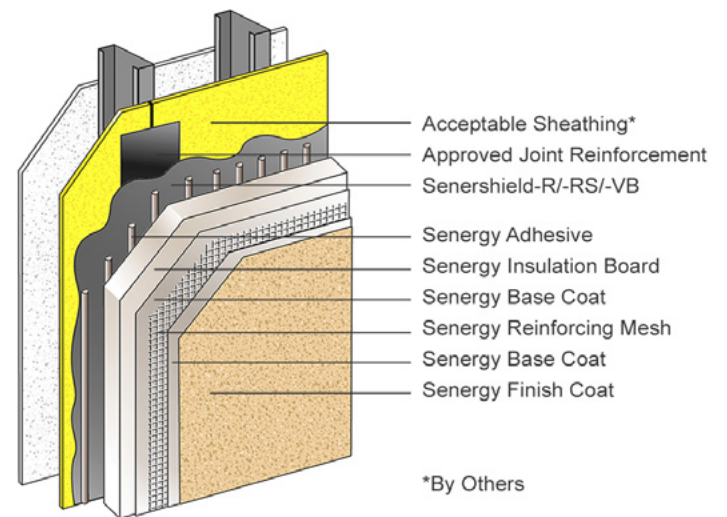
Recladding is typically part of an overall plan to address multiple issues with an existing building

Moisture damage, poor indoor air quality, diminished occupant comfort, degraded exterior appearance and high operating costs can come together to create a need for building recladding. Choose from Senergy's insulated and non insulated wall systems when recladding.

Channeled Adhesive CI Design wall system is simple and highly effective. Adhesively attached, the system includes continuous insulation, air/water-resistive barrier and drainage for effective heat, air and moisture control.

Senerflex Vulcan NC system features Rockwool Frontrock™ mineral wool continuous insulation, air/water-resistive barrier and drainage for option heat, air and moisture control with superior fire protection.

Channeled Adhesive CI Design



Scan to view our restoration procedures

TECHNICAL SUPPORT

Consult our Technical Services team at +1 (800) 589-1336 for specific questions and recommendations or visit our website at senergy.master-builders-solutions.com/en, for additional information about products and systems.

Total Master Builders Solutions Offering

At Master Builders Solutions we are experts at solving the complexities of building restoration with solutions that stand the test of time. Master Builders Solutions brand encompasses a line of proven products from concrete repair, waterproofing, corrosion mitigation, moisture protection, to exterior wall systems.



Wall Coatings & Wall Systems

Keeping surfaces beautiful and walls dry requires protection more powerful than the elements. Wall coatings and wall systems beautify and protect against moisture and carbonation.



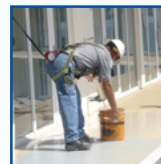
Concrete Repair & Strengthening

The effects of corrosion or physical damage can shorten the life of a building. Long-lasting repair requires a sound repair strategy and the use of high-performance products.



Joint Sealants & Waterproofing

Moisture penetration is one of the most critical challenges facing buildings today. Joint sealants and waterproofing play a critical role in sealing and protecting your building against moisture intrusion.



Balconies & Walkway Waterproofing

Balconies and parking garages represent some of the toughest challenges in protecting a building from moisture related damage. Proper protection requires an integrated system of materials that can be customized to meet diverse application requirements from speed to durability to aesthetic.



Single Source Warranty

10, 12 and 15-Year Bundled, Limited Warranty Programs

These programs are designed to provide our customers with piece-of-mind by protecting their building envelope under a Single Source Bundled Warranty Program. The requirement of the program is as follows:

It must include one of our **Senergy Wall Systems** and a product from the designated list.



Any combination of products or systems listed below:

Any Senergy® EIFS
 Platinum or Sentry Stucco Ultra or Plus with Maxlastic or Senerflex® Tersus Finishes
 Any Senergy® Stucco System with DiamondShield or Flexguard 4
 CBS 1000 with Senershield® R and Drainage Mat
 Senergy® EIFS or Stucco Resurfacing (Senergy® Reinforcing Mesh, Base Coat, and Finish)
 MasterSeal® NP 100™ and NP 150 Sealants
 Color Coat, Senerlastic Coating or Tersus Coating (must be used with Senergy® Finish)
 MasterProtect® Water Repellents
 MasterSeal® 581/ 583
 MasterSeal® HLM 5000 Below-grade Waterproofing
 MasterSeal® Traffic 1500 Pedestrian Traffic Coating



Any combination of products or systems listed below:

Senergy® Channeled Adhesive CI Design with Senerflex® Finish
 Platinum or Sentry Stucco Ultra or Plus with SRT Mesh or Flexguard 4, and Senergy® basecoat Base Coat.
 Senerflex® Vulcan NC
 Channeled Adhesive CI Design with MaxGrip Veneer Mortar
 MasterSeal® NP 150 Sealants
 MasterSeal® HLM 5000 below grade waterproofing



Any combination of products or systems listed below:

Senergy® Channeled Adhesive CI Design Senerflex Tersus Finish
 MasterSeal® NP 150 or NP 100™ Sealants
 MasterSeal® HLM 5000 below grade waterproofing

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