

Armourwall Stucco Systems



Armourwall Stucco Systems Provide

THE PAREX ADVANTAGE

The Parex tradition of leadership in the building industry began in 1986 with a commitment to growth based on unparalleled quality and support. Parex offers a complete line of stucco systems, with a host of acrylic, elastomeric and specialty finishes and coatings.

COMMITTED TO INNOVATION:

ParexUSA is a leader of specialty chemicals and ready-to-use mortars. With an ongoing commitment to green initiatives such as low and no VOC finishes, light-weight and dustless mortars, ParexUSA offers a complete line of innovative products.

Whether you are looking for a traditional three coat stucco assembly, a fast-track one coat or direct applied system, or a high energy efficiency system that incorporates an air & moisture barrier and continuous insulation, you can count on Parex as your full line stucco solution provider.

LOCAL MATERIAL FROM A LOCAL DISTRIBUTOR



Parex has manufacturing locations throughout the United States. National coverage provides the best opportunity to source your materials locally, reducing time and shipping costs with the added advantage of potential LEED points for your next project.

These regionally produced materials are serviced by local distributors who understand the market and can provide exceptional levels of service. At Parex, the customer matters and providing the highest quality product, in a timely manner, through a distribution network that understands customer needs is the only way we can do business. Whether you are looking for stucco base coats, acrylic finishes, elastomeric finishes, or any of the stucco accessories we offer, you can count on Parex.

DEVELOPED BY THE LEADING EXPERTS IN STUCCO

Parex Armourwall is the industry's most innovative, comprehensive, and technologically advanced stucco program. Parex Armourwall brings you the right combination of materials and performance for today's buildings. If you're looking for protection against moisture or want to limit cracking, Armourwall has the solution. Whether your project requires a lightweight system or the assurance that comes with traditional three coat plaster, Armourwall gives you the options. All Armourwall systems are backed by Parex warranties, giving you long-term peace of mind for your facility. Brought to you by the leaders in stucco facades, Parex Armourwall gives you the choices you need and the performance that you demand.



You With All of the Options You Need!

ARMOURWALL 300 SYSTEMS

Armourwall 300 stucco systems are Parex's high-performance and most popular stucco systems. These pre-blended systems are designed to provide consistent quality control of material mixes batch to batch for maximum long-term performance that cannot be achieved using field blended mortars. Armourwall 300 provides both convenience and versatility making it the leading choice for many of today's construction applications.

These three-coat, minimum 3/4 inch stucco systems consist of a Parex Scratch & Brown Coat and an acrylic, elastomeric or specialty finish coat. Armourwall 300 systems can also be installed at thicknesses designed to meet fire-resistance ratings.

Benefits of Parex's Armourwall 300 Stucco Systems include:

- Supports a wide range of applications for both commercial and multi-family/multi-use applications.
- Fire-resistance rated configurations are available.
- Superior impact resistant.
- Impervious to termites, rot and fungus.
- Accommodates wide varieties of architectural detailing.
- Fiber reinforcement increases long-term durability.

WANT HIGHER ENERGY EFFICIENCY?

Add the Continuous Insulation (CI) Feature

Stucco clad wall systems can be designed for exceptional energy efficiency by incorporating a fluid-applied air & moisture barrier and continuous insulation (CI) of either EPS or XPS rigid foam insulation. Parex Armourwall CI Stucco systems can be used in both 100 and 300 Series systems to achieve maximum energy performance.



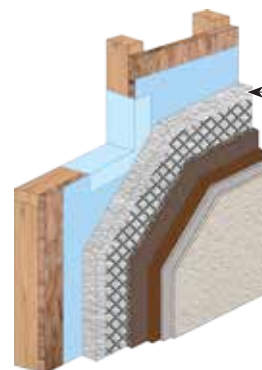
ARMOURWALL 100 SYSTEMS

Armourwall 100 stucco systems are Parex's most economical stucco systems. One-coat systems speeds up application time and reduces labor and material costs.

These systems consist of a Parex Stucco Base Coat, installed minimum 3/8 inch, and an acrylic, elastomeric or specialty finish coat. Armourwall 100 systems are designed for use where minimal cost and speed of construction are paramount.

Benefits of Parex's Armourwall 100 Stucco System include:

- Lighter weight system.
- Rapid installation.
- Code recognized with fire-resistance rated systems.
- Wide range of uses and applications.
- Impact resistant and impervious to termites, rot and fungus.
- Fiber reinforcement increases long-term durability.



Continuous Insulation

Continuous Insulation (CI) acts as the bond breaker replacing the separation sheet otherwise required over the air and water-resistive barrier. CI Systems offer a light-weight solution to energy efficiency, allowing building designs to meet more stringent code requirements like California's Title 24.

WANT SUPERIOR AIR & MOISTURE PERFORMANCE?



Design with the WaterMaster Feature

WeatherTech WRBs are a family of high performance water-resistant barriers, air barriers, vapor retarders and waterproofing products. When used in conjunction with properly installed substrates, WeatherTech products provide a superior level of moisture protection for any structure. Our membranes are available with various levels of permeance and installation options. WeatherTech WRBs offers a full line of water-resistant barriers and air barriers to seal the building envelope, protect structural components, and promote healthier indoor air quality. Water-resistant barriers have one primary function: to keep incidental moisture from penetrating into structural components and the wall assembly interior. Preventing moisture intrusion is extremely important, as moisture-sensitive building materials often consisting of gypsum, wood or light gage metal can become severely compromised when exposed to moisture.

Armourwall WaterMaster stucco systems incorporate a suitable WeatherTech WRB membrane for the project design and offer the best performance as both an air barrier and primary moisture protection of any building.

ParexUSA WeatherTech WRBs have undergone through extensive testing and hold the following code approvals: ICC ESR-2045, IBC Section 1408.4.1.1, IRC Section R703.9.2.1 and are ABAA Evaluated.

WANT TO LIMIT CRACKING?

Design with the Krak-Shield Features

Incorporating the Krak-Shield feature to any Armourwall system increases performance and value. A layer of fiberglass mesh embedded in ParexUSA Stucco Level Coat adds reinforcement and helps to limit cracking that can occur in stucco walls. By minimizing unsightly cracks, Parex Armourwall Krak-Shield reduces call-backs and maintenance costs, enhances the beauty of the building and ensures long-term owner satisfaction.

Krak-Shield is installed over the brown coat, embedding the reinforcing mesh near the surface to reduce reflective cracking. When using the increasingly popular smooth or super smooth finishes, an additional leveling coat is recommended to create a smooth uniform surface. The most suitable leveling coat material is determined by the finish selected.



OPTIONS INCLUDE:

Permeable Air & Moisture Barrier Membranes

- WeatherSeal Spray & Roll-On
- WeatherSeal SB

Class III – Semi-Permeable Air & Moisture Barrier Membranes

- WeatherSeal Trowel-On without gauging aggregate
- WeatherSeal Trowel-On with gauging aggregate

Class II – Vapor Retarder Membrane

- WeatherDry

Class I – Vapor Barrier Membranes

- WeatherBlock
- WeatherSeal BG

Joint Treatment & Flashing

- 396 Sheathing Tape or 365 Flashing Membrane
- WeatherFlash

FINISHES AND COATINGS



Design flexibility is virtually unlimited with the use of any:

- Parex Acrylic Finishes and Coatings
- Parex Elastomeric Finishes and Coatings
- Variance Specialty Finishes

To prolong the life of bold or dark color schemes, use ParexUSA's Colorfast fade resistant pigments in any finish or coating formulation.

CONSTRUCTION TYPES AND SUBSTRATES

Parex Armourwall stucco systems are ideal for new or existing construction. They are suitable for both commercial and residential use and for the following types of construction: non-combustible, combustible and fire-resistance rated walls. We recommend to use Parex Armourwall stucco systems for exterior uses only.

Parex Armourwall stucco systems can be used over a variety of substrates such as:

Gypsum Sheathing	Cement Fiber Sheathing
Fiberboard	Concrete & CMU
Exposure OSB ¹	CDX Plywood (see Tech Bulletin TB008 and TB011)

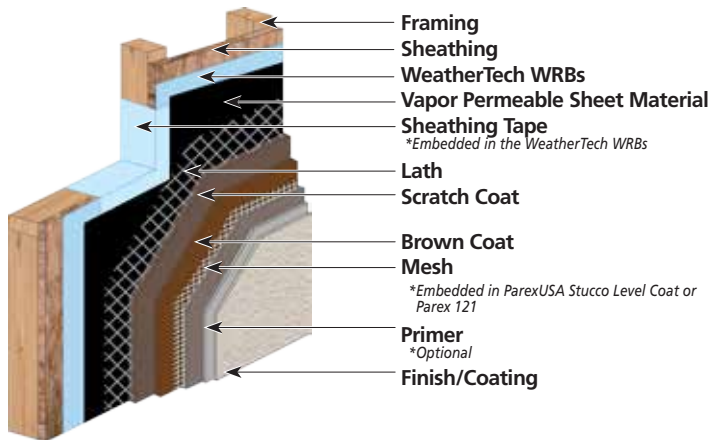
¹Regional restrictions apply. For OSB applications outside of approved regions, use Parex Armourwall 300.



Armourwall WaterMaster Krak-Shield Systems:

- Enhanced crack resistance
- Advanced moisture protection and improved energy efficiency
- Comprehensive system options for maximum design flexibility and performance
- Maximize energy efficiency with Continuous Insulation (CI)

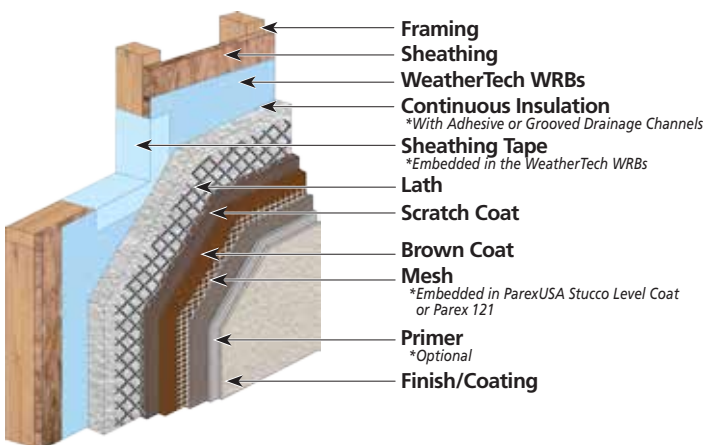
Armourwall WaterMaster Krak-Shield



- Designed to be used where increased resistance to cracking, additional moisture protection and energy efficiency are desired.
- Provides superior moisture protection
- WeatherTech WRBs are designed to replace one of the 2 layers of paper/wrap as prescribed by code over wood sheathing. Sheathing joints and flashing can be treated with ParexUSA WeatherFlash, 396 Sheathing Tape or 365 Flashing Membrane.
- This system can be used where an air barrier is desired or required by code.

Available in both Armourwall 100 and 300 stucco systems

Armourwall WaterMaster Krak-Shield CI (Continuous Insulation)

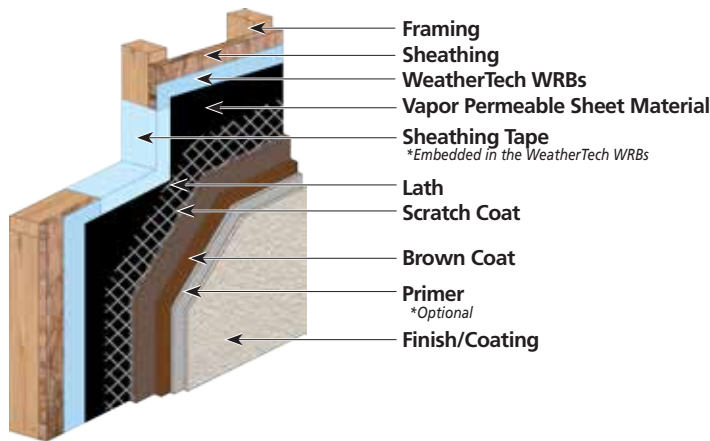


- Same system as above with the additional rigid continuous insulation feature providing greater energy efficiency. The insulation board acts as the bond breaker and replaces the second layer of sheet wrap over wood based sheathing.
- The use of continuous insulation in the CI system covers "thermal breaks" in wall systems and significantly enhances any structure's insulative performance and energy efficiency.
- Insulation board can either be Expanded Polystyrene (EPS) or Extruded Polystyrene (XPS). The maximum thickness is 1.5" with Armourwall 100 stucco systems and 3" with Armourwall 300 stucco systems.
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Armourwall WaterMaster Systems:

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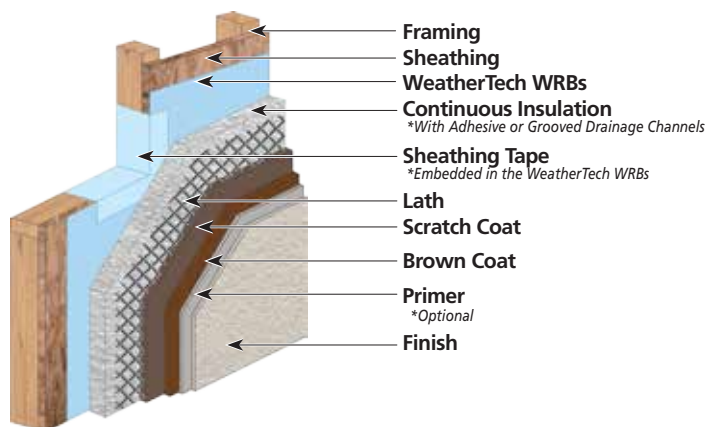
Armourwall WaterMaster



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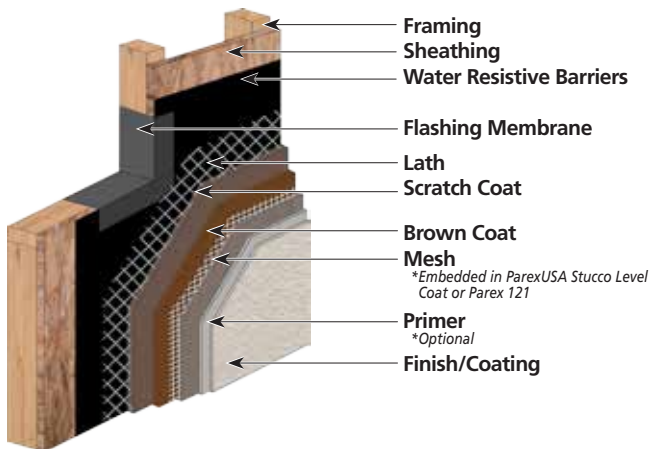
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Armourwall Krak-Shield Systems:

- Enhanced crack resistance
- Maximize energy efficiency with Continuous Insulation (CI)

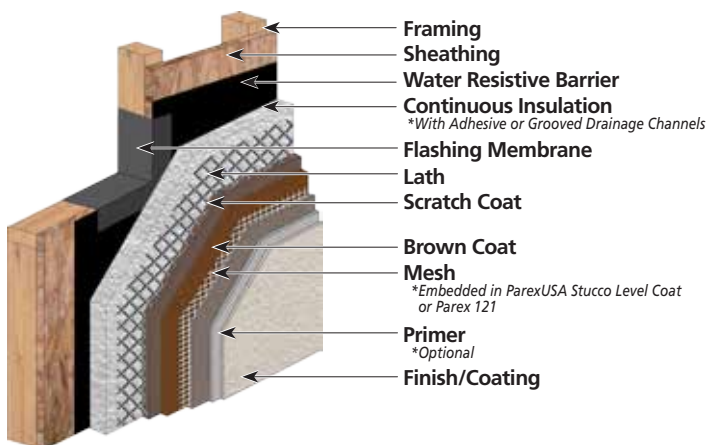
Armourwall Krak-Shield



- Designed to be used where increased resistance to cracking is desired.
- This system is used when an air barrier is not required.
- Sheathing joints and flashing can be treated with ParexUSA 365 Flashing Membrane.

Available in both Armourwall 100 and 300 stucco systems

Armourwall Krak-Shield CI (Continuous Insulation)

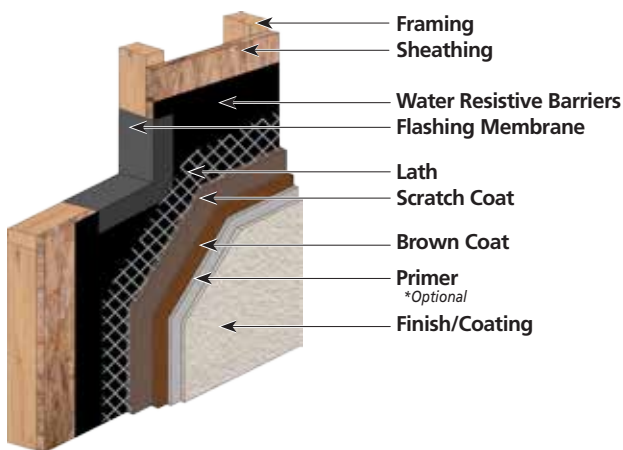


- Same system as above with the additional rigid continuous insulation feature providing greater energy efficiency. The insulation board acts as the bond breaker and replaces one layer of building paper with the remaining layer meeting ASTM D 226 Type 1 or Grade D.
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Armourwall Stucco Systems:

- Advanced performance, quality controlled stucco systems
- Maximize energy efficiency with Continuous Insulation (CI)

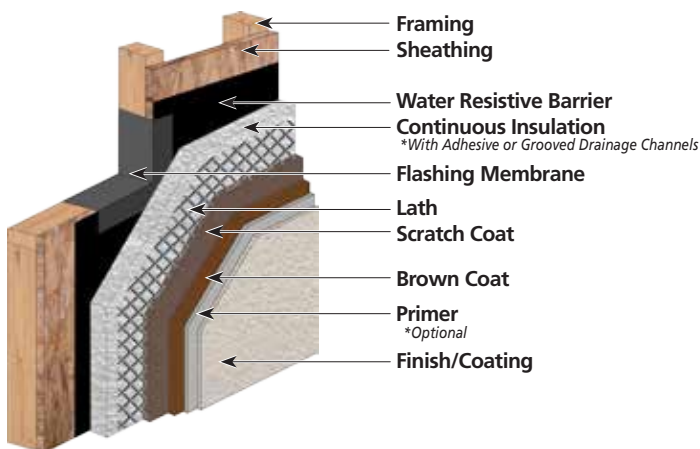
Armourwall



- Designed for use over framed construction when a standard system is desired.
- This system is used when an air barrier is not required.

Available in both Armourwall 100 and 300 stucco systems

Armourwall CI (Continuous Insulation)



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