

PAREX[®]



Parex EIFS

- Optimum WaterMaster
- Optimum WaterMaster LCR
- Optimum

- Standard WaterMaster
- Standard WaterMaster LCR
- Standard

About Parex

Parex is the EIFS industry leader in North America. As a pillar in the industry Parex has been instrumental in contributing to the advancement of EIFS and has developed many technological

breakthroughs that are still in use today. Parex prides itself on delivering the best products in the market and continuously looks for ways to improve and develop products for the future.

Why Parex EIFS?

Parex EIFS is the right cladding for the day and age we live in. Energy costs are increasing and are expected to do so for the foreseeable future. Building owners want a beautiful building with

materials that allow them to operate the building efficiently. Parex EIFS is the solution that answers the need.

Parex EIFS Offers Superior Energy Efficiency

Parex EIFS offers superior energy efficiency and has an advantage over most exterior claddings. This benefit is delivered by placing a

continuous layer of insulation on the outside of the building providing a superior R-Value and greater energy savings.

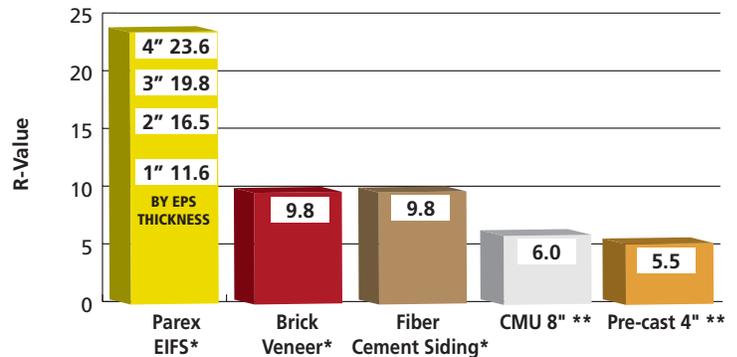


Superior R-Value

Simply defined, R-Value measures how hard it is for energy to move through a wall assembly. The higher the R-Value, the more *resistance* there is to energy movement through the wall. The less your building's HVAC system has to work, the more energy and money you save.

The Department of Energy's, Oak Ridge National Laboratory, tests prove that EIFS has superior R-Value in relation to other leading cladding options. When it comes to considering how an exterior cladding can impact your buildings operating cost, Parex EIFS is the smart choice!

Comparative Nominal R-Values of Wall Assemblies

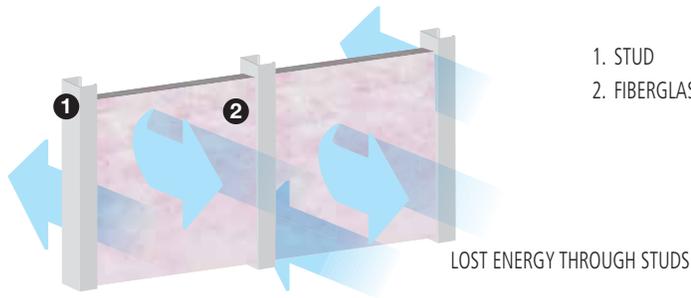


* Includes R-11 stud cavity batts, 1/2" sheathing and wallboard.

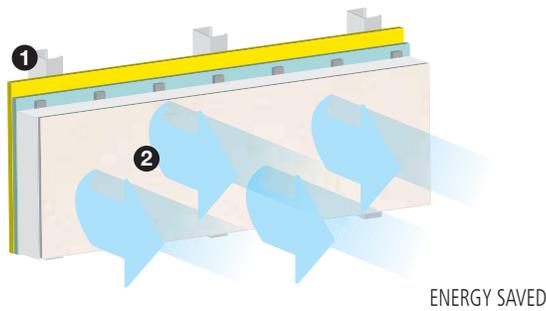
** Includes 3/4" XPS and 1/2" wallboard.

Source: ASHRAE Handbook of Fundamentals

Less Thermal Breaks



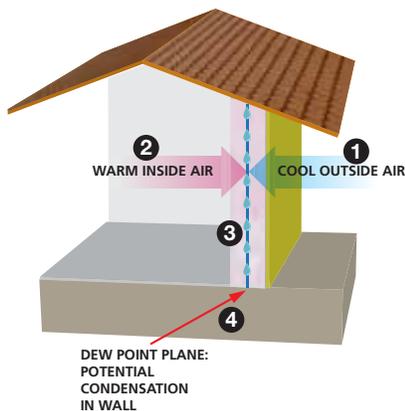
1. STUD
2. FIBERGLASS INSULATION



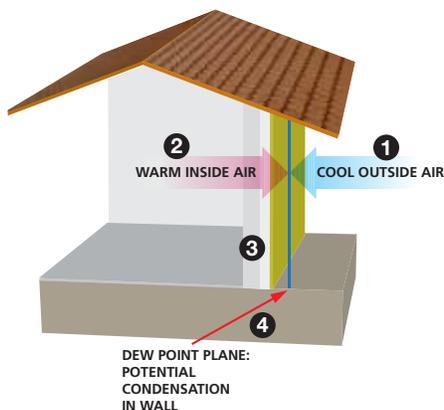
1. STUD
2. EIFS

When EIFS is used on the outside of the building, studs don't break the continuity of the insulation. In essence, the building is covered by a blanket of insulation. This is an additional advantage over other types of cladding. Thermal breaks caused by studs provide an opportunity for energy to flow in and out of the building. Climate controlled air escapes and uncontrolled air invades the building, requiring the building's HVAC system to work harder to maintain the desired air temperature and therefore costing you money.

Dew Point



1. COOL OUTSIDE AIR
2. WARM INSIDE AIR
3. INSULATION (IN-WALL CAVITY)
4. CONDENSATION



1. COOL OUTSIDE AIR
2. WARM INSIDE AIR
3. EIFS
4. CONDENSATION

When warm air meets a cold surface the result can be condensation. This is commonly seen on the outside on the glass of a cold beverage. The location where the condensation occurs is called the dew point. While not an issue on a drinking glass, this same phenomenon becomes an issue when it occurs inside your wall assembly. Traditional claddings may lead to condensation inside the wall cavity, potentially causing deterioration and damage of building materials. Parex EIFS potentially reduces the risk of a dew point inside the wall cavity. Moving the insulation to the outside of the building keeps surfaces inside the wall cavity warm so that condensation does not form on them.

Versatile Design

All the functionality that Parex EIFS delivers does not come at the price of aesthetics. Quite simply, Parex EIFS is the most versatile exterior cladding on the market today. The ability to effectively mimic

the look of virtually any exterior cladding and an unlimited range of textures, colors, and shapes allows multiple designs utilizing the same exterior cladding.



Low Maintenance

Parex EIFS uses the highest quality raw materials for all of its products. This commitment to quality ensures that the materials on your building will perform as designed for a long time. Parex EIFS also uses 100% acrylic polymers with special dirt resistant surface toughness in its finishes. This and mildew and algae resistant additives approved by the Environmental Protection Agency limit the impact that dirt, mildew,

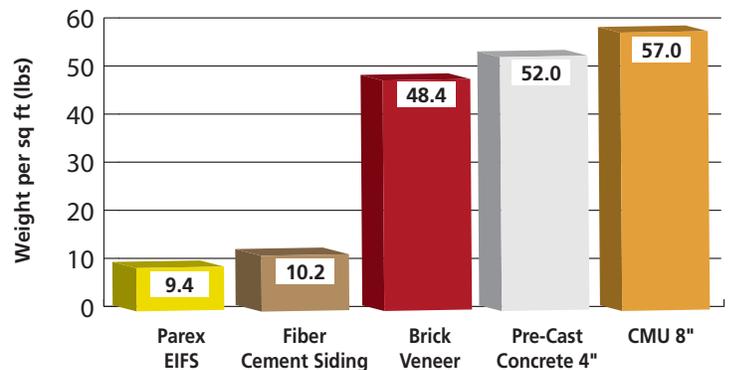
mold, and other pollutants can have on your Parex finish, ensuring that the aesthetic appeal of your building will stand up to the elements.

The Parex EIFS is easily cleaned with a low power pressure washer and mild detergent. This simple maintenance step increases the life of the EIFS while refreshing the beauty of your building.

Light Weight

Parex EIFS is a high value exterior cladding. This lightweight system provides an opportunity to reduce investment in structural components that may be required for heavier cladding alternatives, thus lowering building costs.

Comparative Weights of Wall Assemblies



"Concrete Masonry Handbook for Architects, Engineers, Builders" PCA Portland Cement Assoc.
"Architect's Handbook of Formulas, Tables, and Mathematical Calculations" David Kent Ballast
"Architectural Graphics Standards" 8th Edition The American Institute of Architects
"2003 & 2009 ASHRAE Handbook Fundamentals" Inch-Pound Edition American Society of Heating and Air-Conditioning Engineers, Inc.

495 KeyGuard

Parex 495 KeyGuard is a liquid applied water-resistant barrier and air barrier and is an essential requirement with our WaterMaster level of drainage EIFS. A liquid applied water-resistant barrier/air barrier is providing your structure with superior means of drainage protection. As a liquid applied barrier, there is no risk for rips or tears which can significantly compromise the effectiveness of typical building papers.

Parex 495 KeyGuard also has the added benefit of being an air barrier. Significant amounts of energy

can be lost in a structure purely by the escape and intrusion of air. This decreases the energy required to maintain the desired temperature which saves money. The U.S. Department of Energy estimates that uncontrolled air leakage can account for 30% of more of a buildings energy losses.

As a water vapor permeable air barrier, Parex 495 KeyGuard reduces the unintentional flow of air, while still allowing vapor to escape from the wall to avoid being trapped inside the wall cavity.

Moisture Management

Parex EIFS protects your building from moisture by providing a barrier of finish, base coat, and EPS Insulation. If additional protection is required Parex offers the latest is drainage EIFS. If any moisture were to make it through the initial barrier it would drain from the system through vertical channels of adhesive. Additionally, these systems come with 495 KeyGuard (highlighted above) to offer a secondary level of moisture barrier. The end result is a wall system that provides superior insulation and protection for moisture.



Systems and Warranty Chart

	GOOD	BETTER	BEST
BEST	Optimum	Optimum WaterMaster LCR	Optimum WaterMaster
Warranty	12 Years	12 Years	15 Years
GOOD	Standard	Standard WaterMaster LCR	Standard WaterMaster
Warranty	10 Years	10 Years	12 Years

Standard WaterMaster and Optimum WaterMaster come with single source warranties that provide coverage for moisture protection, drainage, labor, and material.

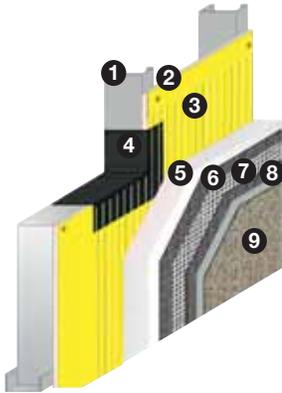
Parex EIFS Offering

Parex has an EIFS for the needs of the structure you are building or renovating. We offer two tiers of high performance EIFS to best meet your needs in price and performance.

Parex offers two drainage options: WaterMaster LCR (Light Commercial Residential) and WaterMaster.

These systems make up a matrix based on product performance and drainage capability.

Standard/Optimum

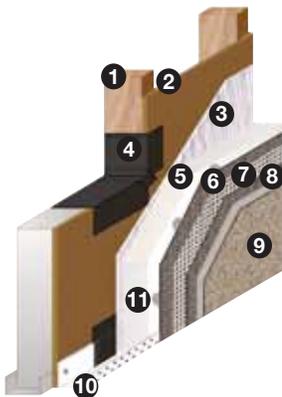


1. FRAME
2. SHEATHING
3. VERTICAL ADHESIVE RIBBONS
4. FLASHING MEMBRANE
5. EPS INSULATION
6. BASE COAT
7. MESH
8. PRIMER (OPTIONAL)
9. FINISH

Standard System: A classic EIF system that provides superior thermal insulation and flexible design.

Optimum System: Our new generation of the classic EIF system. Optimum series of EIFS makes use of our premium acrylic finish and base coat/adhesive. These two components work to deliver a system that will ensure the enduring aesthetic appeal of your building.
Requires use of DPR Optimum and 121 Optimum

Standard WaterMaster LCR/Optimum WaterMaster LCR

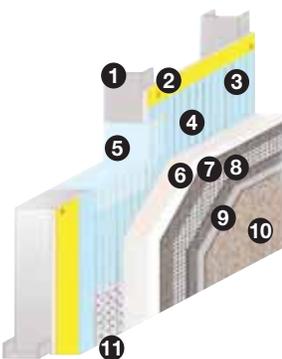


1. FRAME
2. SHEATHING
3. STUCCO WRAP
4. FLASHING MEMBRANE
5. EPS INSULATION
6. BASE COAT
7. MESH
8. PRIMER (OPTIONAL)
9. FINISH
10. TRACK
11. MECHANICAL FASTENER

Standard WaterMaster LCR (Light Commercial Residential): Our base drainage EIF system. Using many of the same components of our Standard EIFS the Standard WaterMaster LCR makes use of "Stucco Wrap" to provide a water-resistive barrier and a means of drainage for incidental moisture.

Optimum WaterMaster LCR: Based off of the Standard WaterMaster LCR system but makes use of our premium acrylic finish and base coat/adhesive. These two components work to deliver a system that will ensure the enduring aesthetic appeal of your building.
Requires use of DPR Optimum and 121 Optimum

Standard WaterMaster/Optimum WaterMaster



1. FRAME
2. SHEATHING
3. 495 KEYGUARD
4. VERTICAL ADHESIVE RIBBONS
5. 396 SHEATHING TAPE
6. EPS INSULATION
7. BASE COAT
8. MESH
9. PRIMER (OPTIONAL)
10. FINISH
11. 369 DRAIN EDGE

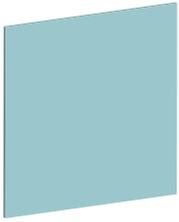
Standard WaterMaster: Our best drainage EIF system. The system incorporates vertical ribbons of adhesive to provide an optimal drainage plane. In addition to the vertical ribbons, this system makes use of our 495 KeyGuard waterproof membrane/air barrier. It provides protection against incidental moisture and acts as an air barrier. The air barrier takes the already energy efficient EIFS and gives it a boost by limiting air flow of yet remaining vapor permeable.

Optimum WaterMaster: Based off of the Standard WaterMaster Optimum WaterMaster retains all of the benefits but provides additional benefit by utilizing our premium acrylic finish and base coat/adhesive. These two components work together to deliver a system that will ensure the enduring aesthetic appeal of your building.
Requires use of DPR Optimum and 121 Optimum

These drawings are for illustrative purposes only and are not a substitute for Parex specifications and detail drawings.

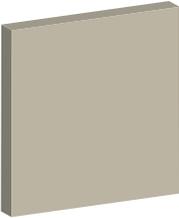
Parex EIFS Materials

Moisture Protection (For WaterMaster Assemblies)



495 KeyGuard: the industry leading waterproof membrane & air barrier for use as a water-resistive barrier under Parex Standard WaterMaster and Optimum WaterMaster systems. Parex 495 KeyGuard is easier to apply and makes applicators more efficient than other roll-on barriers because one product treats both the field and board joints.

Base Coat & Adhesive



121 Wet and 121 Dry: a factory controlled blend of proprietary raw materials. 121 Wet and 121 Dry are used as both an adhesive to adhere EPS to approved substrates and as base coats for mesh embedment. 121 Wet is packaged in a pail and requires the addition of cement. 121 Dry is packaged in a bag and requires only water to be added. Either product can be used on any Standard series EIFS.

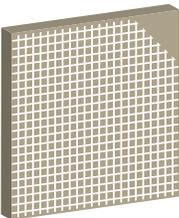
121 Optimum: a factory controlled blend of proprietary raw materials. 121 Optimum is the premium dry base coat & adhesive offered by Parex. With superb handling and workability application of 121 Optimum is quicker and easier than other comparable dry base coat & adhesives. 121 Optimum is packaged in a bag and requires only the addition of water. 121 Optimum is designed for use on Optimum series EIFS.

Insulation



Insulation: made of Expanded Polystyrene (EPS) insulation board provides excellent thermal protection. Made under third party quality control, meets all building codes.

Reinforcing Mesh



Reinforcing Mesh: coated fiberglass that is alkali resistant embedded in base coat (listed above) and required on all Parex EIFS to provide strength and flexibility to the EIFS. Mesh is available in varying weights to provide different levels of impact resistance.

Primers



Parex 310 Primer: a tintable acrylic primer that can be applied by roller or sprayer. Use primer to improve the handling, texturing, and coverage of finish.

Finishes



Parex offers a number of finish options for your Parex EIFS in standard and custom colors.

- **DPR Standard Finish:** Integrally colored acrylic finish available in 6 different textures
- **DPR Optimum Finish:** Integrally colored premium acrylic finish available in 4 textures. DPR Optimum Finish is our high end acrylic that offers easier application, and improved durability.

PAREX[®]
www.parex.com

Corporate Office

Parex USA, Inc.
4125 E. La Palma Ave., Suite 250
Anaheim, CA 92807
(866) 516-0061
Tech Support: (800) 226-2424

Facilities

Redan, GA
Riverside, CA
French Camp, CA
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