Architectural Coatings & Finishes (ACF)
- Acrylic Finishes
- Elastomeric Finishes
- Acrylic Coatings
- Elastomeric Coatings
- ACF Assemblies
- Advanced Masonry Simulation (AMS)
Why Parex ACF?

Finishes and coatings contribute color, texture and an overall visual appeal to the wall. They also provide some protection from the elements or other exposure. By selecting appropriate finishes and coatings designers have greater freedom to create the surfaces they envision and to incorporate functional, protective attributes to withstand the rigors of time.

Success with finishes and coatings therefore depends on selecting the right products for the job and applying them correctly. This section describes finishes and coatings, and lists some of their essential features to help you make the right selection.

For more information, or if your project has unique requirements that might warrant special consideration, call Parex USA Technical Services.

Before You Begin
The key to a lasting exterior finish or coating application is proper surface preparation.

Regardless which finish or coating will be applied, proper surface preparation is critical. Knowing the type and condition of the substrate determines how it must be prepared. Because of wide variations in substrates, we recommend that each substrate be individually inspected and prepared according to its specific need.

A simple rule of thumb to remember during this inspection is that the substrate must be sound, clean, and designed for exterior exposure.

The following information begins with the assumption of a properly prepared substrate.

Acrylics
Finishes and coatings include a range of products, each designed to do a specific job:

Primers
Once a surface is prepared to receive a finish or coating, a primer is recommended.

Key Benefits of using a primer:
• Reduce the chance of efflorescence that might result from cementitious surfaces.
• Promote uniformity in the finish coat.
• Enhance the appearance of the final coat.
• Improves coverage of either finish or coating applied over it.

Finishes
An acrylic finish is a product that is made up of polymers, aggregates, mineral fillers, and integral colorants. It is trowel or spray applied to provide the final coat for EIFS, stucco, masonry, concrete, or other substrates. Finishes have aggregate that will provide both texture and gauge thickness.

Key benefits of finish:
• Strong bonding
• Thicker layered top coat
• Vapor-permeable
• Flexible, can withstand thermal shock
• Resists UV and weathering
• Unlimited colors and a variety of textures

Coatings
Coatings are typically non-aggregated products which are roller or spray-applied. These products provide the final coat over stucco, masonry or concrete. Coatings can also be used to refurbish a textured finish such as EIFS finish.

Key benefits of coatings:
• Thin-layered topcoat
• Water vapor-permeable
• Resists UV and weathering
• Provides final color

Water-Based Sealers
Sealers are designed to provide additional protection over a vertical surface. The surface can be a coating or finish over EIFS, stucco, concrete, or masonry.

Key benefits of sealer:
• Non-yellowing
• Transparent
• Seals topcoat
• Provides additional protection against mildew, algae and dirt
• Provides UV protection
• Enhances finish color stability

Elastomerics
Elastomeric finishes and coatings are primarily used as the final coat over stucco surfaces. This chemistry provides a more flexible product that is well suited for stucco substrates.

Key features of elastomerics:
• Resists UV and weathering
• More flexible than acrylics
• Water vapor-permeable
• Withstands thermal shock
• Provides final color and texture
Wear Resistance
In test after test, Parex finishes endure: wash-out resistance, peel adhesion, wet abrasion. For instance, when a stiff brush scrubs back and forth 2000 times over a wet Parex sample, only 4.4% of the sample's weight is lost.

Weather Resistance
Parex chemistry triumphs over the weather. The 100% acrylic formulation does not trap water vapor beneath it. At the same time, the film created by the acrylic polymers in the finish resists damaging UV rays, freeze/thaw cycling, and acid rain. The pigments in Parex finishes are all 100% exterior-grade for maximum colorfastness and UV resistance.

Consistent color
Rust-free finish
From the beginning, Parex has used marble aggregates as the texturing stone in all finishes. The white, bright marble improves color stability and consistency while providing sharper and cleaner looking colors than those of finishes based on other types of aggregates. No other aggregate yields consistent color like pure white marble. Using marble also eliminates the tiny iron mineral particles found in quartz sand, which can rust and streak as humidity and rain take their toll on buildings. Parex marble aggregates are rust-free.

DPR Technology
Parex finishes have remarkable resistance to dirt and stains. “DPR Technology” is the reason. Heat can cause other finishes to soften and become tacky. This can encourage dirt accumulation, mold, and atmospheric pollutant buildup. Parex DPR Technology fights back with specially formulated acrylic polymers that do not soften when exposed to heat. As an added protection, every Parex finish also contains EPA registered mildewcides and algicides.

Weather Resistant
Parex 100% acrylic formulation allows vapor to permeate the layers of the system, while the film created by the acrylic polymers in the finish resists damaging UV rays.
<table>
<thead>
<tr>
<th><strong>FINISHES</strong></th>
<th><strong>USE</strong></th>
<th><strong>CHARACTERISTICS</strong></th>
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<tbody>
<tr>
<td>E-lastic</td>
<td>Textured elastomeric finish</td>
<td>High elongation</td>
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<tr>
<td></td>
<td>For masonry, stucco, and concrete</td>
<td>100% acrylic</td>
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<tr>
<td></td>
<td>Especially recommended for surfaces</td>
<td>Best durability</td>
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<tr>
<td>DPR Optimum</td>
<td>Textured finish</td>
<td>Higher quality</td>
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<tr>
<td></td>
<td>For EIFS, masonry, stucco, concrete, or interior surfaces</td>
<td>100% acrylic</td>
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<td></td>
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<td>Very high durability</td>
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<td></td>
<td></td>
<td>Dirt Pick-up Resistance</td>
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<tr>
<td>DPR Standard</td>
<td>Textured finish</td>
<td>Superior quality</td>
</tr>
<tr>
<td></td>
<td>For EIFS, masonry, stucco, concrete, or interior surfaces</td>
<td>100% acrylic</td>
</tr>
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<td></td>
<td>High durability</td>
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<td></td>
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<td>Dirt Pick-up Resistance</td>
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<tr>
<th><strong>COATINGS</strong></th>
<th><strong>USE</strong></th>
<th><strong>CHARACTERISTICS</strong></th>
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</thead>
<tbody>
<tr>
<td>Elastomeric Coating</td>
<td>Non-textured elastomeric coating</td>
<td>High-build, 100% acrylic, non-textured,</td>
</tr>
<tr>
<td></td>
<td>For stucco, renovation of EIFS, concrete, and masonry renovation. Especially recommended for buildings with existing to hairline cracks</td>
<td>Elastomeric properties</td>
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<td></td>
<td></td>
<td>Over 300% elongation</td>
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<td></td>
<td></td>
<td>Excellent adhesion properties</td>
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<tr>
<td>DPR Coating</td>
<td>Non-textured coating</td>
<td>100% acrylic non-textured coating</td>
</tr>
<tr>
<td></td>
<td>For stucco, masonry, concrete, and EIFS renovation</td>
<td>Excellent adhesion properties</td>
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<td></td>
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<td>High durability</td>
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<td>Dirt Pick-up Resistance</td>
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<tr>
<th><strong>PRIMERS/SEALERS</strong></th>
<th><strong>USE</strong></th>
<th><strong>CHARACTERISTICS</strong></th>
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</thead>
<tbody>
<tr>
<td>Primer/Sanded Primer</td>
<td>Acrylic primer for EIFS, masonry, stucco, concrete, or interior surfaces</td>
<td>100% acrylic</td>
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<td></td>
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<td>Excellent adhesion properties</td>
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<td>Improves durability of finish</td>
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<td></td>
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<td>Eases application of finish</td>
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<tr>
<td>Clear Sealer/Matte Clear Sealer</td>
<td>A clear sealer over finishes, To change appearance to matte finish or low e gloss appearance</td>
<td>100% acrylic</td>
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<tr>
<td></td>
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<td>Non-yellowing</td>
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<td></td>
<td></td>
<td>Resistant to mildew, algae and dirt accumulation</td>
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<td></td>
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<td>Added UV protection</td>
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<td>Protection against fading</td>
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**Where To Use:**

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<tr>
<th>Wall Types:</th>
<th>Coatings</th>
<th>DPR Coating</th>
<th>Clear Sealer/ Matte Clear Sealer</th>
<th>Finishes</th>
<th>DPR Optimum</th>
<th>DPR Standard</th>
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</thead>
<tbody>
<tr>
<td>EIFS</td>
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<td>X</td>
<td>X</td>
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<tr>
<td>Masonry/Concrete</td>
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<td>X</td>
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<tr>
<td>Stucco</td>
<td>X</td>
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<td>X</td>
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<td>X</td>
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<td>Textured Finish</td>
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<tr>
<td>Interior</td>
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<td>X</td>
<td>X</td>
<td>X</td>
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**Recoating Textured Finishes:**

| Blending Repair Work | X        | X           |                                  |          |             |              |
| Recoating to change color | X | X           |                                  | X        | X           | X            |

**Performance:**

Crack Bridging | X | X

**Understanding finishing options — selecting the right finish for the job, making sure it is properly applied, and maintaining the finish for optimum performance - is the purpose of this guide.**

**Acrylic Technology**

Acrylic polymers provide better color retention, more flexibility, better adhesion, and superior resistance to the alkalis found in cementitious and masonry substrates. This results in better looking, longer lasting, and generally tougher finish. Because acrylics are also water-based finishes, their use is much friendlier to the environment.

**Parex finishes use 100% acrylic polymers.**

The result is a tough, tight, moisture-resistant yet water vapor-permeable film that remains pliable and resilient. This durable building skin resists the elements yet allows the wall to breathe. Over stucco or other cement-based products, Parex primers and finishes can reduce the effects of efflorescence. Over any substrate, Parex 100% acrylic polymer-based finishes stay fresh longer and resist fading, chalking, and yellowing.
ACF (Architectural Coatings & Finishes) Assemblies

Parex offers a number of different assembly options for utilizing the various finishes and coatings offered over non-Parex substrates. Whether it be new construction or a restoration and renovation project Parex has the ACF assembly needed for the job:

**ACF for Stucco**

This assembly option is for projects that make use of non-Parex stucco but still want the beauty and benefits of a Parex finish.

**ACF for Masonry**

For buildings that make use of CMU or other forms of block construction ACF Masonry is an assembly to turn dull looking block into something aesthetically pleasing.

**ACF for Soffits**

Turn a typically aesthetically boring feature on a building into a nice finishing touch. ACF for stucco assembly turns boring soffits into something beautiful with Parex finishes and coatings.

**ACF for Insulated Concrete Forms (ICF)**

ICF is a fantastic wall system but like any use of EPS it needs a sturdy lamina to protect it. ACF for ICF assemblies provide a strong lamina using Parex base and mesh and finish off the structure with bold yet beautiful look.

**NuTech Stucco**

Cement board systems are a popular choice in climates where people want a stucco look yet budget and climate limits the ability to use true stucco. NuTech Stucco assemblies provide an option for finishing typical Direct Applied Finish Systems (DAFS) with Parex finishes and coatings to complete the project with a quality final look.
AMS
(Advanced Masonry Simulation)
AMS is a Parex option to make use of Parex finishes and coatings to create a brick look that is unbeatable. Why pay the high cost associated with brick when materials that are more affordable can be used and yet still achieve the same design goal.

Parex AMS can be used to easily add architectural details. There are a number of factory ready stencil designs to achieve the look you desire. The assembly can be applied directly over EIFS, tilt-ups, precast, as well as hard coat stucco.

Proven, Lasting Results
Satisfying designers, builders, installers, and owners with superior results for nearly two decades, Parex AMS is a proven, permanent alternative to masonry.

Remarkably versatile, AMS achieves a durable and distinguished appearance along with all the established benefits of EIFS:
• Elimination of dissimilar material combinations.
• A single-source warranty for the entire cladding.
• Seamless construction that avoids problematic sealant joints.
• A higher insulation value with less thermal bridging than brick.

The Cost & Convenience of EIFS
No other cladding compares with the ability of Parex AMS to achieve stunning results easily and economically. Featuring fully integrated EIFS components, AMS uses factory-made templates and the wide range of Parex Finish colors to achieve an appearance and texture almost indistinguishable from actual brick or thin brick.
Possible Patterns Available

Herringbone Brick
Running bond brick
Wall Brick
Used Wall Brick
8" Border Brick
10" Soldier Course
New York Wall Brick
Modular Brick

Parex Finishes Mean Unlimited Choices
Today, Parex products include much more than top-rated Exterior Insulation and Finish Systems (EIFS). Finishes for stucco, masonry, and interior walls round out one of the most complete finish product selections in the industry. Parex color choices are unlimited. Parex texture choices support maximum design flexibility. Finishes specially designed for renovations, problem climates, or retrofit over a wide variety of substrates all contribute to the ever-expanding universe of Parex choices.

Whether your project is commercial, institutional, industrial, or residential, whether new or renovated, Parex has the choice you need. Add our outstanding service, on-call technical support, and absolute commitment to innovative solutions, and the right choice naturally becomes Parex.