



ARCHITECTS GUIDE TO FORM LINERS

INTRO TO FORM LINERS

Unlocking Architectural Potential: A Guide to
Utilizing Form liners in Project Planning



WELCOME

Dear Esteemed Architect,

As you plan your next project, consider the multifaceted benefits of partnering with Architectural Polymers®, LLC. Our form liners not only elevate architectural aesthetics but also streamline construction and improve the construction timeline. Available in various materials, we offer a seamless blend of form and function, adding both visual appeal and practical advantages. We're here to consult on custom solutions tailored to your vision.

Best regards,
The AP Team





TABLE OF CONTENTS

About Us	3
Why We Want to Partner With You	4
Positive Reasons To Use Form liners	5
10 Reasons to Use Concrete	7
Client Projects	9
Contact	8

Consult this comprehensive guide for in-depth information and valuable insights to help you effectively plan and execute your next building project involving the use of form liners from Architectural Polymers®, LLC.



ABOUT

ARCHITECTURAL POLYMERS

Who We Are

For three decades, Architectural Polymers®, LLC has been at the forefront of the concrete form liner and fabrication sector, tailoring concrete solutions to suit the specific requirements of your pre-cast, tilt-up, and cast-in-place construction endeavors. We pioneer a wide spectrum of inventive techniques that serve as a superior alternative to traditional brick and masonry, adding value to the architectural landscape. Our applications span diverse settings—from crafting high-quality concrete form liner molds that adorn North America’s highways with decorative concrete art, to custom-manufacturing thin brick inlay systems for schools, hospitals, commercial offices, condominiums, and parking decks. At Architectural Polymers®, LLC, our focus is on delivering cost-efficient solutions that culminate in visually stunning, decorative concrete structures.



WHY WE WANT TO PARTNER WITH ARCHITECTS

Engaging with architects during the the planning phase is when material choices are made, and our specialized form liners can be manufactured to a variety of materials. This enables you, the architect, to make well-informed decisions about the materials that will best serve the project's aesthetic and functional needs.

Material Optimization

The planning phase is when material choices are made, and our specialized form liners can be manufactured to a variety of materials. This enables architects to make well-informed decisions about the materials that will best serve the project's aesthetic and functional needs.

Design Flexibility

Speaking with us early on allows architects to understand the breadth of textures, patterns, and custom solutions available, thereby setting the project in motion for a successful result before construction commences.

Budget and Time Efficiency

Understanding the capabilities of our form liners in the planning phase helps architects design with cost-effectiveness and timeline considerations in mind. This can eliminate the need for more labor-intensive, costly techniques later in the construction timeline.

Sustainability Goals

As many of our form liners are eco-friendly, early engagement enables architects to seamlessly integrate sustainable materials and practices into the project, potentially aiding in the achievement of certifications like LEED.

By consulting with Architectural Polymers®, LLC during the planning phase, architects position themselves to create projects that are not only visually appealing but also cost-effective, structurally sound, and sustainable. It's not just about enhancing the final product; it's about optimizing every step along the way to that final



POSITIVE REASONS TO USE FORM LINERS

The use of form liners in a building project can have very positive effects on your construction timeline. Here's how:

Streamlined Process

Form liners can simplify the process of achieving complex or custom textures, effectively reducing the time traditionally required for hand-carving or other labor-intensive detailing methods.

Pre-Fabrication

The use of form liners allows for the prefabrication of panels, which can be produced off-site concurrently with other construction activities. This can accelerate your overall project timeline.

Reduced Labor Time

With form liners, you often require fewer skilled laborers to achieve the desired aesthetic effects, which not only saves money but also time.

Quick Turnaround

Some form liners are designed for rapid application and removal, making it easier to meet tight deadlines.

By carefully planning and considering these factors, the use of form liners can often accelerate your project timeline without compromising on quality or aesthetic appeal.



Contact Us Now To
Discuss Your Next
Project.

610.824.3322

THE 10 REASONS TO USE CONCRETE IN YOUR NEXT PROJECT

The use of concrete and form liners in building construction offers a myriad of advantages that make them a compelling choice for architects and builders alike. Here are some key

1. Versatility in Design

Form liners enable architects to impart a wide variety of textures, patterns, and details onto concrete surfaces. This versatility allows for almost limitless design possibilities, helping architects fulfill both aesthetic and functional criteria.

2. Structural Integrity

Concrete is renowned for its durability and strength, making it an ideal choice for buildings, bridges, and soundwalls.

3. Cost-Effectiveness

While concrete itself is often more affordable compared to other construction materials, form liners additionally offer a cost-efficient way to create custom looks without resorting to labor-intensive techniques or expensive materials.

4. Energy Efficiency

Concrete has excellent thermal mass properties when paired with insulation. This can lead to energy savings over the building's lifetime, particularly when combined with sustainable form liner and cladding materials.

5. Sustainability

Many form liners are made from eco-friendly materials and can be reused, contributing to the sustainability goals of a project. Concrete can also include recycled components, making it a more sustainable choice.

6. Speed of Construction

The combination of concrete and form liners can significantly speed up the construction process. Prefabricated panels can be made using form liners, allowing for quicker installation on-site.

7. Ease of Maintenance

Concrete surfaces created with form liners are easy to clean and maintain. Their durability also reduces the need for frequent repairs or replacements, making them a long-term economical choice.

8. Acoustic Benefits

Concrete's mass helps in sound insulation, making it a good choice for buildings situated in noisy environments. Additional textures from form liners can also provide varying degrees of acoustic dampening.

9. Fire Resistance

Concrete is inherently fire-resistant, providing an added layer of safety. Form liners do not compromise this quality and may even enhance it depending on the texture and material used.

10. Visual Cohesiveness

The seamless integration of form liners and concrete can achieve a level of visual and structural cohesiveness that is often challenging with other materials.

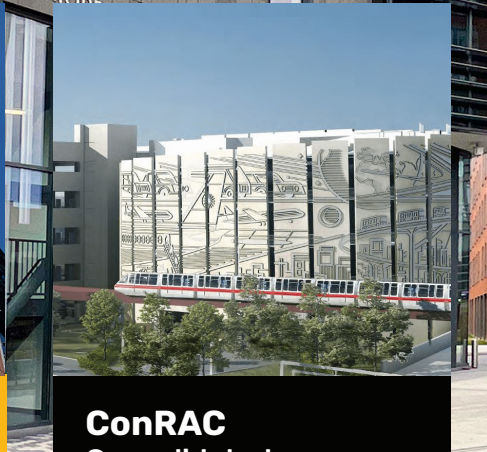
CLIENT PROJECTS



Cornell University North Campus Residential Expansion *Ithaca, NY*

Lead Architect: Ikon5
Architects
Precaster: Metromont

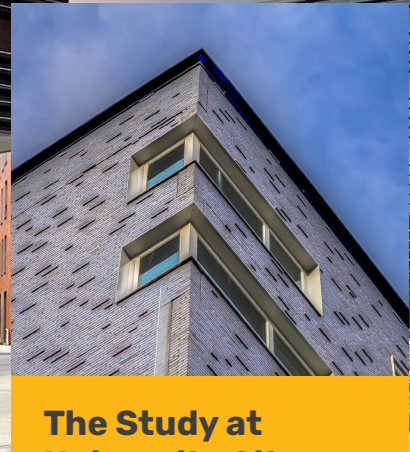
As part of the university's North Campus Residential Expansion (NCRE), the new residence halls provide students with approximately 2,000 new beds, new dining facilities, recreation spaces, and program lounges to reshape the student residential experience at Cornell University. AP was a part of the design and construction process, using terra cotta tiles to complete the exquisite exterior.



ConRAC Consolidated Rent-a-car Facility *Newark, NJ*

Lead Architect: PGL
Precaster: High
Concrete
Product Used:
Custom

Newark Liberty International Airport's 2.7 million square foot, financially award-winning ConRAC solutions facility exists on a 16.65-acre site, with 2,703 public parking spaces and 3,362 rental car spaces to support 10 rent-a-car brands. While not fully completed, the exterior and major supporting structures have been finished, proudly as AP designed and created the form liners to help create the iconic façade.



The Study at University City *Philadelphia, PA*

Lead Architect: DIGSAU
Precaster: Universal
Product Used:
Versa-Brix 3D Highlights

The Study at University City is a 10-story luxury hotel at the intersection of two world-class universities, The University of Pennsylvania and Drexel University, using terra cotta tiles to complete the exquisite exterior.

OUR CLIENTS

We've been privileged to collaborate with some of the world's leading firms and would be delighted to have the opportunity to earn your business as well.

SKANSKA

Kiewit

res

**BRASFIELD
& GORRIE**
GENERAL CONTRACTORS

PHIGH CONCRETE
GROUP, LLC

GATE



READY TO DISCUSS?

Should you wish to elevate your project with the use of form Liners and are interested in discussing the way forward, feel free to reach out to us at the contact number provided below.



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