

BUILDING ENVELOPE   
**FACADES**





## Types

- » ALUMINUM/ACM
- » STEEL SIDING/PANELS
- » FIBER CEMENT
- » PVC
- » VINYL
- » HIGH-PRESSURE LAMINATE
- » PRE-CAST CONCRETE

# Facades

Facades are the outside face of a building and give it both aesthetic identity and functional integrity. They serve a pivotal role in the building envelope, providing crucial functions such as weather protection, thermal performance, and visual appeal.

Modern facades are engineered systems that integrate a variety of materials, technologies, and design strategies to optimize performance and sustainability.

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# Product Types

## » ALUMINUM/ACM

ACM (Aluminum Composite Material) panels consist of a layer of aluminum bonded to a polyethylene or fire-rated core, offering a lightweight yet durable cladding solution. These panels are renowned for being customizable in terms of color, finish, and texture, making them popular choices for architectural facades.

Additionally, ACM panels are valued for their ease of installation, low maintenance requirements, and ability to withstand various weather conditions, making them ideal for both exterior and interior applications.

## » STEEL SIDING/PANELS

Steel siding offers a large variety of color, profile, and design options in a lightweight yet durable cladding solution. Steel siding is distinguished by its ease of installation, low maintenance requirements, and ability to withstand various weather and fire conditions. Like ACM, it is ideal for both exterior and interior applications.

## » FIBER CEMENT

Fiber cement facades are composed of a blend of cement, cellulose fibers, and other additives, providing a robust and durable cladding solution. Known for their longevity and resistance to fire, moisture, and pests, fiber cement facades offer architects and designers flexibility in design and a wide range of textures and finishes to achieve desired aesthetic outcomes.

## » PVC

PVC (polyvinyl chloride) facades offer a lightweight, durable, and low-maintenance cladding solution for buildings. Their resistance to moisture, rot, and insect damage along with their versatility in color and texture options make PVC facades an attractive choice for both residential and commercial projects.

## » VINYL

Vinyl facades provide a cost-effective and low-maintenance cladding option for buildings. With their durability, resistance to moisture and insects, and wide range of colors and styles, vinyl facades offer an attractive and long-lasting solution for enhancing the aesthetic appeal and protection of structures.

## » HIGH-PRESSURE LAMINATE

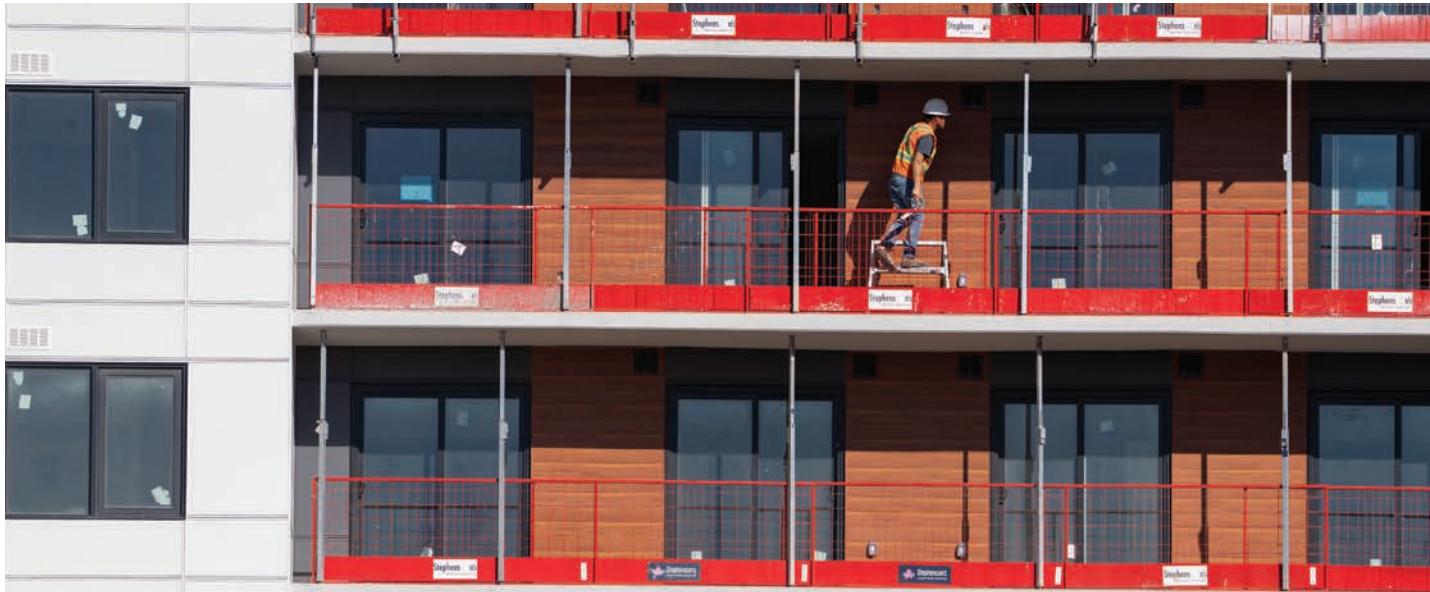
High-pressure laminate (HPL) facades offer a versatile and durable cladding solution for buildings, combining aesthetic appeal with excellent performance. With their resistance to weathering, UV rays, impact, and graffiti, HPL facades provide long-term protection and maintain their appearance with minimal maintenance, allowing for use in a wide range of architectural applications.

## » PRE-CAST CONCRETE

High pre-cast concrete facades offer a robust and visually-striking cladding option for buildings, providing both durability and architectural versatility. With their ability to be customized in terms of shape, texture, and color, high pre-cast concrete facades allow for the creation of unique and distinctive architectural designs while offering excellent weather resistance and minimal maintenance requirements.



# Supporting Products, Accessories, and Tools



Convoy offers a complete line of accessories to support your facade projects, including a variety of cladding attachment options, caulking and adhesives, and tools and equipment.



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