

PRECAST CONCRETE VENEER

VERSATILE, DURABLE, BEAUTIFUL

For many years, natural products such as clay brick and tiles, stone and wood have been used as finishing materials for walls and floors. These materials are typically quite heavy, expensive, have limited quality control, are not reproducible, and can require expensive maintenance.

Precast Concrete Veneer replaces these materials without the difficulties, environmental impact or other associated concerns.



Veneer is typically defined as a relatively thin layer of material used as a nonstructural facing or overlay, usually for aesthetic purposes. Veneers may be adhered or attached by mechanical means to a substrate. These substrates include wood, concrete masonry units, concrete, cementitious fiber boards and many other products. Precast concrete veneer can be used for outdoor and indoor applications. It can be applied to horizontal and vertical surfaces such as floors and walls.

Precast concrete wall veneer is usually lightweight and easy to install, with products ranging from thin brick veneer to cladding inspired by limestone, travertine and other stone products found throughout the world. The beauty of precast concrete is that it can be produced locally and manufactured in a nearly unlimited array of shapes, colors, textures and accessories. Precast concrete floor veneer can be made to replicate tile, pavers, custom patterns, wood, slate and other materials.



WHY PRECAST CONCRETE?

- Design Flexibility
- Aesthetic Versatility
- Quality Control
- Environmentally Friendly
- Economical
- Superior Strength and Durability

QUALITY | VALUE | PERMANENCE

PRECAST CONCRETE VENEER

AESTHETIC VERSATILITY

The flexibility and beauty of precast concrete veneer is unparalleled. With appearances ranging from rustic to modern and the freedom to make just about any color, texture or shape desired, precast concrete veneer is one of the most versatile finish materials available. For some applications, an older, more variable color and/or finish may be preferred, all of which are possible with precast veneers.

DESIGN FLEXIBILITY

The wide variety of shapes, sizes and thicknesses currently available in precast concrete allow for nearly unlimited design flexibility. Plus precast concrete veneer can be designed into almost any shape, size or pattern specified by the owner or architect. You're limited only by your imagination.

ENVIRONMENTALLY FRIENDLY

Precast concrete is nontoxic, environmentally safe and made from all-natural materials. It is usually sourced locally, and production is quite energy-efficient compared with competing materials since it does not need to be fired or glazed. Cement, the most energy-intensive component of concrete, comprises only a small percentage of the mix. Precast concrete is "green friendly" and can be an important component of your LEED-certified project.



QUALITY CONTROL

Because precast concrete products are manufactured in a controlled environment, they exhibit high quality and uniformity. Precast concrete veneer can be manufactured with consistent properties such as strength, absorption and color.

ECONOMICAL

Precast concrete veneer is manufactured, not quarried, so it is readily available. It also helps cut shipping costs, because it is often lighter than the alternatives. Lightweight precast concrete veneer products usually reduce the necessary size of structural components, thereby reducing overall costs of a project. For example, precast thin brick or stone usually does not require an increased foundation size; rather it is adhered to the sheeting substrate.

SUPERIOR STRENGTH AND DURABILITY

The strength of precast concrete veneer gradually increases over time and does not deteriorate when exposed to harsh environments as some other materials do. Other materials can degrade, deteriorate, warp, require maintenance such as painting, or become susceptible to insects and mold. Precast concrete products can provide service life in excess of 100 years.



For more information on precast concrete veneer, contact:



Precast ... The Concrete Solution