

A photograph of the Guggenheim Museum Bilbao at night, showcasing its iconic, highly reflective, and angular facade. The building's metallic surfaces are illuminated, creating a shimmering effect. The structure is reflected in a pool of water in the foreground. Two large blue rectangular boxes are overlaid on the image, containing white text.

Advanced Building Envelope Performance from Every Angle

Seamless Building Protection

Seamless building protection from a trusted global source



With today's innovative designs, reducing risk requires advanced envelope solutions that maximize building performance. Your building must perform flawlessly under a wide variety of conditions—year after year—while delivering ultimate moisture protection and long-term durability.

Count on GCP Applied Technologies for comprehensive solutions to protect your building envelope's integrity—as well as your own.

GCP is a single, trusted source for an array of durable, high-performance products—from below grade waterproofing to air barriers to roofing underlayments. We can provide a complete, integrated solution tailored to the specific requirements of your building design and application anywhere around the world.

With more than a 50-year track record of proven performance in high-profile projects worldwide, GCP offers you the most important feature of all: Confidence.

Integrated building envelope solutions tailored to your design

Roofing Underlayments

No matter what the roof design, covering or climate, GCP has the right underlayment for the job.

Air Barrier Systems

Advanced air barrier systems that provide continuous coverage for any wall design, in any climate.

Below Grade Waterproofing

Providing a continuous water barrier for virtually any design scenario.



Below Grade Waterproofing



Preventing below-grade water intrusion is critical to avoid costly problems down the road.

GCP offers a comprehensive array of high-performance waterproofing systems that provide a continuous barrier to water and are fully-adhered to the structure.

Preprufe®

- Pre-applied waterproofing system ideal for blindside applications, including slabs and zero-property line walls.
- Patented Advanced Bond Technology™ ensures aggressive adhesion to concrete, preventing water ingress into the building.

Bituthene®

- The original peel-and-stick waterproofing solution.
- 50-year track record of successful installations around the world.

Procor®

- One-pass, fluid-applied waterproofing membrane.
- Conforms to complex details, providing a seamless, flexible and fully-adhered waterproofing barrier.

Hydroduct®

- Complete drainage system, featuring sheet drainage composites and integrated high volume flow perimeter drainage.

Adcor®

- Specially engineered hydrophilic waterstop that prevents water from entering substructures through cold joints of concrete walls and floors.

Air Barrier Systems



Selecting the right air barrier is critical to wall performance. GCP air barrier systems enhance energy efficiency and prevent moisture problems, which help improve indoor air quality and protect long-term structural integrity. A study from the National Institute of Standards and Technology (NIST) shows that air barrier systems in non-residential buildings can reduce air leakage by up to 83% and energy consumption by up to 40%.*

GCP has you covered with a comprehensive portfolio of advanced air barrier systems that provide continuous coverage for any wall design, in any climate.

Perm-A-Barrier® VP/ VP LT (Low Temp)

- Fluid-applied, vapor-permeable, “breathable” air barrier.
- Conforms to complex and irregular shapes and geometries.

Perm-A-Barrier® Liquid

- Flexible, fluid-applied membrane.
- Provides a seamless air and vapor barrier.

Perm-A-Barrier® VPS

- Self-adhering, vapor permeable air barrier.
- Sheet membrane allows fast, easy application.

Perm-A-Barrier® Wall Membrane

- Self-adhering air and vapor barrier sheet membrane.
- Ensures long-lasting protection.

Perm-A-View™ Modeling Service

- Exclusive exterior wall modeling tool that quantifies energy efficiency, mold growth risks and corrosion risks of the wall assembly.
- Generates critical information to help optimize wall design and guide selection of proper air barrier material.

* NIST report *Investigation of the Impact of Commercial Building Envelope Airtightness on HVAC Energy Use*, Steven J. Emmerich, Tim McDowell, Wagdy Anis; June 2005

Roofing Underlayments



Building owners want roofs that are aesthetically attractive, while offering exceptional durability, energy efficiency and lower total cost of ownership. Specifying a roofing underlayment properly matched to the demands of the roof design is a critical factor in its long-term performance.

GCP helps architects address that challenge with a comprehensive portfolio of high-performance roofing underlayments capable of meeting the requirements of any application. No matter what the roof design, roof covering or climate, GCP has the right underlayment for the job.

Grace Ultra

- Advanced butyl rubber technology designed to deliver extreme temperature resistance—up to 300° F.
- Ideal for use with copper, zinc and Cor-Ten® roof coverings.

Grace Ice & Water Shield® HT

- Premium product specifically designed for high-temperature applications.
- Delivers exceptional waterproofing performance and durable adhesion.
- Thermal resistance up to 260 °F with 120 days of UV exposure.

Grace Ice & Water Shield®

- The leading self-adhered membrane with 30 years of proven performance.
- Delivers leak protection against ice dams and wind-driven rain.
- Thermal resistance up to 180 °F.

World-class expertise available across the globe

The sun never sets on GCP Applied Technologies. Our global team works around the world and across international borders to help customers achieve their goals. Our experts have the professional relationships, infrastructure and specialized knowledge in a broad range of construction segments to provide support throughout the entire project delivery process.

GCP is committed to customer support excellence. From building envelope details and wall design simulations using our proprietary Perm-A-View™ exterior wall modeling tool, to energy efficiency and LEED compliance, we are always available to help.

GCP supplies products to more than 120 countries worldwide, through its plants and facilities in more than 40 countries, supported by a team of almost 6,000 people.

GCP maintains sales offices in every major metropolitan area. To contact your local GCP Specialty Building Materials representative, or to obtain additional product information, call: 866-333-3SBM (3726).



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Build Env-001-1116 GCP0083

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