



GCP for

Commercial Buildings



International Project  
Solutions

GCP products have been used on commercial buildings around the world for almost half a century.

EMEA1	
Abu Dhabi Mall (Beach Rotana / Abu Dhabi Trade Centre)	Dhabi, UAE
ADIA Headquarters	Dhabi, UAE
Al Bahr Towers	Dhabi, UAE
Al Raha Beach Development	Dhabi, UAE
Al Sharq Hotel & Leisure Development	Doha, Qatar
Almoayyed Tower	Manama, Bahrain
Amex UK Headquarters	Brighton, UK
Aqaba Beach Resort Hotel	Aqaba, Jordan
Arab Bank	Manama, Bahrain
BAB Guest Complex	Muscat, Oman
Bahrain City Centre	Seef, Bahrain
Bahrain Financial Harbour, Villamar Towers	Manama, Bahrain
Banco Popolare	Milan, Italy
BBC Headquarters	London, UK
Bluewater Mall	Kent, UK
Broadgate	London, UK
Bur Juman Centre	Dubai, UAE
Canary Wharf Towers	London, UK
Century Textile Building	Worli, India
City Centre Development	Dubai, UAE; Doha, Qatar; Muscat, Oman
Cleveland Clinic	Abu Dhabi, UAE
Dun & Bradstreet Headquarters	High Wycombe, UK
Emirates Towers Office	Dubai, UAE
Glaxo Smith Kline	Stevenage, UK
Goa Assembly Complex	Goa, India
Grosvenor House, Dubai Marina	Dubai, UAE
Gulf Tower	Doha, Qatar
Heart of Doha - Musheireb	Doha, Qatar
Hyatt	Hyderabad, India
Indiabulls Greens	Chennai, India
Infosys Technologies Building	Chandigarh, India
Jumeirah Beach Hotel	Dubai, UAE
Khalidya Palace Rotana Hotel	Abu Dhabi, UAE
Landmark Tower	Abu Dhabi, UAE
Lloyds Building	London, UK
Majlis Parliament Building	Muscat, Oman
Mall of the Emirates	Dubai, UAE
Marina Hotel, Yas Island	Abu Dhabi, UAE
Masdar Headquarters	Abu Dhabi, UAE
McLaren Technology Building	Woking, UK

EMEA1, continued	
Morocco Mall	Casablanca, Morocco
National Bank of Abu Dhabi Headquarters	Abu Dhabi, UAE
National Exhibition Centre	Birmingham, UK
One New Change	London, UK
Qasr Al Alam Guest Complex	Muscat, Oman
Ritz Carlton Hotel	Doha, Qatar; Manama, Bahrain
St. Regis Hotel, Nile Corniche Hotel	Cairo, Egypt
The Ark	London, UK
The Pinnacle	London, UK
The Wave	Muscat, Oman
US Embassy	Abu Dhabi, UAE

AMERICAS	
11 Times Square Office Tower	New York, NY
7 World Trade Center	New York, NY
Amazon Headquarters	Seattle, WA
Atlantis Resort	Paradise Island,
Bank of America Office Tower	Charlotte, NC
Bay Adelaide Centre	Toronto, Canada
Brickell Financial Center	Miami, FL
CBS Entertainment Bldg & Office Tower	Chicago, IL
Chenalut Residence	Beverly Hills, CA
City Center Plaza	Bellevue, WA
CityCenter	Las Vegas, NV
Comcast Tower Office Buildings	Philadelphia, PA
Consulado Monterrey	Monterrey, Mexico
Department of Human Services	Saint Paul, MN
Disney Ko Olina	Honolulu, HI
Fidelity Campus	West Lake, TX
Ft Lewis Warrior Barracks	Ft Lewis, WA
Gateway Center	Bronx, NY
Goldman & Sachs World Headquarters	New York, NY
Gotham Center	Long Island City, NY
Greektown Complex	Detroit, MI
Hearst Corp Headquarters	New York, NY
Highland Corp Center	San Diego, CA
Hyatt Regency	Denver, CO
Ikea Furniture Store	Brooklyn, NY
LA Live Marriott / Ritz Carlton Hotel	Los Angeles, CA
Lincoln Square North Office Tower	Bellevue, WA
Mall de Talca	Talca, Chile

<b>AMERICAS, continued</b>	
McCormick Place West	Chicago, IL
Media Studios Office Park	Burbank, CA
Medtronic Office Towers	Mounds View, MN
Metropolitan Miami 2	Miami, FL
Microsoft West Campus	Redmond, WA
Moffett Towers Office Buildings	Sunnyvale, CA
Morongo Casino Resort & Spa	Cabazon, CA
National Geospatial Intelligence Agency	Springfield, VA
New York Times Headquarters	New York, NY
Nintendo Office Building	Redmond, WA
Nokia	Los Angeles, CA
North Bethesda Market	Bethesda, MD
Oxnard Collection	Oxnard, CA
Palazzo Tower	Las Vegas, NV
Pinnacle Offices	Burbank, CA
RBS Financial Building	Stamford, CT
Ritz Carlton Hotel	Napa, CA
San Diego Court House	San Diego, CA
Santa Monica Place	Santa Monica, CA
SE Federal Center DOT Headquarters	Washington, DC
Spire	Denver, CO
The Bow	Calgary, Canada
The Residences at Ritz Carlton	Dallas, TX
The Summit Building	Bellevue, WA
Transylvania County Public Safety Building	Brevard, NC
U.S. Coast Guard Headquarters	Washington, DC
Vail Plaza Hotel	Vail, CO
Villagio Shopping Mall	Rio de Janeiro, Brazil
Washington Headquarters Service	Alexandria, VA

<b>ASIA PACIFIC</b>	
ASEM Convention Centre	Seoul, Korea
Beijing LG Twin Tower	Beijing, China
BMW Classic Car Showroom	Perth, Australia
Bundang Heritage	Kyunggido, Korea
Busan Shinege Centurm City	BuSan, Korea
Celestial Heights	Hong Kong, China
Century Hotel	Jakarta, Indonesia
Changi Biz Park	Singapore
Changwon Convention Center	KyungNam, Korea
Chia Thai Riverfest Project	Shanghai, China
City of Dreams	Macau, China
Civic Centre	Auckland, New Zealand
Disneyland (WDI Space Mountain, Story Book Theatre, Tomorrow Land)	Hong Kong, China

<b>ASIA PACIFIC, continued</b>	
Ellipse 360	Taipei, Taiwan
FED Camp Humprey Family Housing	Kyunggido, Korea
Fusionopolis	Singapore
Galaxy Resort & Restaurant	Macau, China
GKN Office	Surabaya, Indonesia
Glomac Tower	Kuala Lumpur, Malaysia
Graha Kuningan	Jakarta, Indonesia
Grand Lisboa Macau	Macau, China
Hill St Police Station	Singapore
International Commerce Centre at Kowloon Station	Hong Kong, China
International Finance Centre, Tower II	Hong Kong, China
Jin Station Complex	Taipei, Taiwan
Jurong Safra Country Club	Singapore
Katana Residences	Kuala Lumpur, Malaysia
Kwan Chung Hotspring	Xi'an, China
Macau Entertainment & Tower	Macau, China
Marriott Royal Garden	Phuket, Thailand
MGM Macau	Macau, China
Nai Lert Park Raffles Place	Bangkok, Thailand
Nanjing Huawei RD&E Center	Nanjing, China
National Defense & Administrative Office	Taipei, Taiwan
New Asia Tower	Singapore
New World Building	Guangzhou, China
New World C&E Center	Shenyang, China
ONE KL Luxury Condo Building	Kuala Lumpur, Malaysia
Pondok Indah Square	Jakarta, Indonesia
Puri Matahari Residence	Surabaya, Indonesia
Q1 Tower, High Rise Residential Building	Gold Coast, Australia
Senayan City Mall	Jakarta, Indonesia
Sheraton Hotel	Shin Chu, Taiwan
Shin Kong Mitukoshi Department	Kaoshuing, Taiwan
Shin Kong Office & Hotel	Taipei, Taiwan
SK HQ Euljiro Bldg.	Seoul, Korea
Sun Alliance	Auckland, New Zealand
Venetian Macau	Macau, China
World Trade Centre	Beijing, China
Wuxi Government Affair Center	Wuxi, China
Wynn Resort Macau	Macau, China
Yojin Y City	ChoongNam, Korea



*"Architecture is the work of nations."*

– John Ruskin

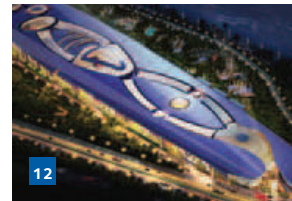
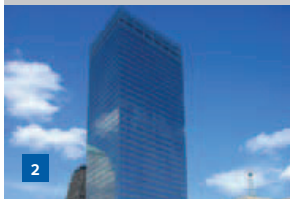
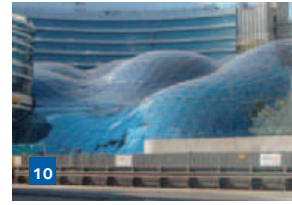
## GCP Applied Technologies Capabilities

For over half a century, GCP Construction Products has provided solutions to many of the most challenging commercial construction projects worldwide. Impressive commercial structures, including retail plazas & shopping malls, high rise office and residential buildings, convention centers, mixed-used developments, luxury hotels and governmental facilities have relied on GCP's advanced technologies over the years to enhance structural performance and ensure longevity. Such structures often employ complex and striking designs, which demand high performance protection. GCP offers it all.

The world's leading architects, designers and contractors turn to GCP to supply them with the products and expertise they need to achieve excellence in design and construction – from maximizing the useful life and improving the aesthetic appeal of landmark structures; to safeguarding below-grade building components; providing air, water and moisture protection to walls and roofs; and fireproofing the structural steel elements of a building. Not only are these qualities important to those who work with our products, but also valuable to our society to give them the safety and security to enjoy them longer.

In today's global environment, GCP is committed to bridging cultural and technology gaps by furnishing quality products across international borders. GCP has a global network of experts to assist and ensure that projects run smoothly – from the earliest design phases through construction and completion. Our broad technology portfolio allows for a variety of solutions regardless of the design or location.

It is said that every person's work is a portrait of themselves. At GCP Construction Products, we let our work speak for itself.



1 Grand Lisboa Macau | Macau, China  
 2 7 World Trade Center | New York, NY  
 3 Aldar Headquarters, Al Raha Beach Development | Abu Dhabi, UAE

4 Bank of America Office Tower | Charlotte, NC  
 5 Beijing LG Twin Tower | Beijing, China  
 6 Emirates Towers | Dubai, UAE

7 Canary Wharf Towers | London, UK  
 8 Goa Assembly Complex | Goa, India  
 9 Q1 Tower | Gold Coast, Australia

10 Zlote Tarasy | Warsaw, Poland  
 11 Atlantis Resort | Paradise Island, Bahamas  
 12 Morocco Mall | Casablanca, Morocco

## GCP Brands are Globally Recognized



## Application Areas

### **Substructure:**

Proper below grade waterproofing systems are critical for protecting both the commercial building exterior and interior. Commercial structures are often a mix of high-value conditioned spaces, common areas, storage sections, support areas (parking structures) and revenue-generating spaces, bordered by below slab areas, walls or buried roofs. Moisture infiltration in the form of liquid water or vapor can cause substantial damage to the structural substrate, as well as lead

to issues related to mold, mildew and poor indoor air quality. GCP Applied Technologies offers both sheet and fluid-applied structural waterproofing systems that provide long-term leak protection throughout the design life of the structure.

### **Elevated Deck / Green Roof:**

Above grade horizontal surfaces are prone to catching and holding water. These areas may be used as pedestrian walkways, outdoor plaza decks, food courts or green roof areas to attract visitors and increase footfall for retail outlets. GCP Applied Technologies's waterproofing membranes, protection and drainage are applied directly to the structural deck and typically covered by a permanent wearing surface. The membranes can be tied into both the below ground waterproofing and façade membranes to ensure total continuity of the building envelope from a single source.

### **Engineered Façade:**

Complex wall designs often pose a challenge for design professionals to ensure acceptable building envelope performance. Air, water and vapor ingress through the exterior wall can cause premature deterioration of the structure, increased energy costs, resulting in substantial and costly remediation. A properly designed air barrier system can provide the level of protection needed to preserve

the aesthetics, performance, durability and energy efficiency for the complete life of the building. GCP Applied Technologies is a global leader in air barrier systems, offering a full line of sheet and liquid, permeable and impermeable air barriers.

### **Sloped Roof:**

GCP Applied Technologies's roofing underlayments provide a secondary barrier protecting against roof leaks caused by wind driven rain, snow, and ice melt at critical detail areas. Designers can choose from our complete portfolio of high-performance roofing membranes designed for any shape, geometry or type of roof covering to ensure superior in place performance and leak protection for the design life of the structure.

### **Structural and Architectural Concrete:**

Concrete is a key component in almost any modern commercial structure. GCP Applied Technologies manufactures a wide variety of concrete admixtures and fibers to meet design and construction requirements. Corrosion inhibitors cost-effectively protect reinforcement in areas such as parking garages. Cracking and shrinkage in deck toppings are mitigated through the use of synthetic macro fibers and shrinkage reducing admixtures. Integral color, surface retarders, and high-range water-reducers are combined to create architectural precast panels and precast/prestressed elements.

### **Structural Steel Fire Protection:**

Many commercial structures are often constructed with structural steel frames. Structural steel fireproofing is critical to protecting the integrity of the steel members from fire damage. GCP Applied Technologies's fire protection products come in a range of densities (standard, medium and high); they are spray-applied, allowing for timely installation and offer protection for concealed or exposed, conditioned or unconditioned interior spaces, as well as exposed exterior applications.

## GCP technical experts can assist throughout your project delivery process.

- Recommend the optimal product solution for your project location.
- Work internationally with the project team throughout the entire design and construction process.
- Provide jobsite expertise and support.
- Facilitate global projects in all major construction segments.

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.

### **Key regional offices include:**

UK (London), France (Paris), Italy (Milan), Belgium (Brussels), Poland (Warsaw), Turkey (Istanbul), U.A.E. (Dubai), Saudi Arabia (Dammam), India (Delhi), China (Shanghai, Hong Kong), Singapore, South Korea (Seoul), Australia (Sydney), USA (Boston, Chicago, San Francisco), Brazil (Sao Paulo) and many more locations globally.

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