

# AN INTEGRATED APPROACH TO WATER PROTECTION

**BUILDING  
MATERIALS**



**CETCO**®

# More than 50 years of proven waterproofing success



Backed by the resources of one of the world's largest mineral companies, CETCO® features a wide variety of active and passive waterproofing membrane technologies for use in protecting the building envelope above and below-grade. Our diverse product offering and total system approach are designed to accommodate the varied conditions encountered during construction, ensuring your waterproofing system performs properly in the unique conditions of your project. With more than 50 years of waterproofing technology experience, CETCO is known worldwide for quality, performance and reliability.



“CETCO continues to go above and beyond our expectations. CETCO maintains a professional approach when working through difficult situations, and work closely with all parties involved to make sure the job gets done right the first time.”

– Jamie Hendricks, Power Construction Company, LLC, Chicago, IL



# Global reach

Our network of 40 service offices around the world includes engineers, geologists, architects and consultants strategically positioned to provide support for your project. These resources are backed by global logistics and manufacturing capabilities to ensure that your project receives the full range and quality of CETCO® services and products.

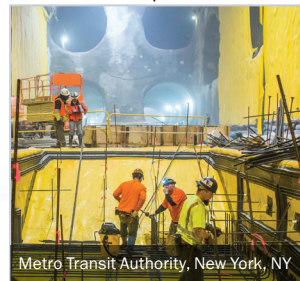
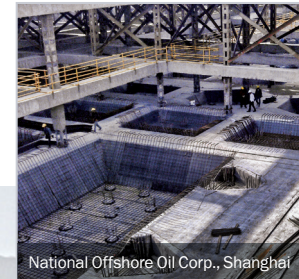


# Local support and guidance

Our frontline service and technical problem solving ensure that your project is well managed in every phase from planning to completion.



**OFFERING UNPARALLELED SUPPORT NO MATTER WHERE YOUR PROJECT IS LOCATED**





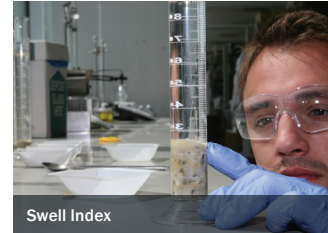
# World-class research, development and testing

CETCO's investment to research and development have led to new industry-leading products and solutions.

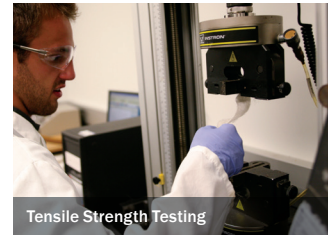
As part of one of the world's largest minerals technology companies, our range of technologies and services covers projects of every scope and scale. Working out of our state-of-the-art laboratory and testing facilities around the world, our experienced multidisciplinary research and development teams drive product innovation while supporting individual customer needs. Services like site-specific chemical compatibility analysis that take the guesswork out

of product selection combined with first-in-class manufacturing and technical project support help to create high-quality results across a broad range of applications that exceed customer expectations.

This expertise and attention to detail have afforded us the confidence to offer the most comprehensive quality assurance program in the building materials industry.



Swell Index



Tensile Strength Testing



Chemical Compatibility Testing

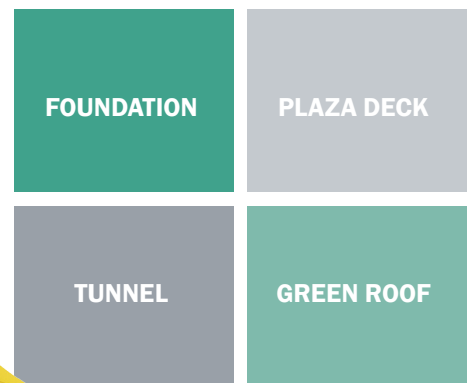
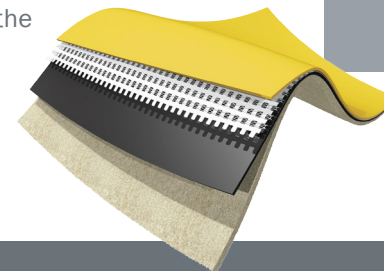
## Applied technologies

We develop the world's most advanced waterproofing solutions grounded by practical real-world experience in foundation, tunnel, plaza deck and green roof applications.

As one of the leading innovators in waterproofing solutions, our advanced technologies have long set industry standards for superior building products across a wide range of applications. Now our *Active Polymer Core (APC)* technology is driving greater practicality and vision across a wide range of purposes. Our performance products like COREFLEX® combine a fully welded thermoplastic membrane with an integrally bonded

active waterproofing layer to assure superior puncture resistance and greater protection against contaminants. No other product can match its durability or has the range of installation conditions as COREFLEX does. And we don't stop there. Dual-membrane APC technology controls water ingress by swelling to seal out any potential breach. It's all part of the integrative thinking CETCO® delivers in the concept and execution of our products.

In addition, our deep experience in the field has taught us that each project comes with its own unique challenges. Our technical service professionals work closely with our customers and our product experts to ensure that every project meets the high quality standards our customers have come to expect.



# FOUNDATION WATERPROOFING

Waterproofing technologies engineered to perform in even the most challenging below-grade environments



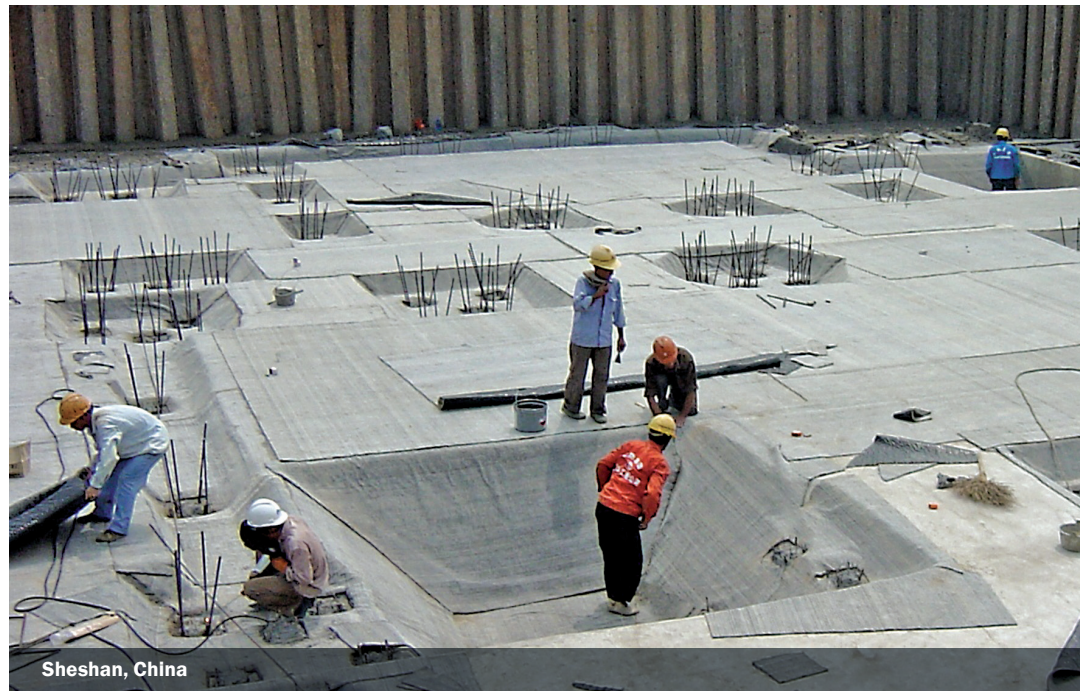
Devon Energy, Norman, OK, USA



Rush University, Chicago, USA



Hellos Energy Research Facility, Berkeley, CA, USA



Sheshan, China

CETCO offers a comprehensive range of active and passive waterproofing technologies for use in vertical and horizontal structural applications. Made with a combination of durable membranes and self-sealing properties, our advanced waterproofing products protect the integrity and function of your foundation from hydrostatic pressure, contaminants, vapors and gases across a spectrum of geological, soil and environmental conditions. In addition, our deep experience in the field has taught us that project success is not just about having technically advanced products, it is also about having a proven quality assurance process during installation. Our HydroShield Quality Assurance Program; with professionally trained applicators and third-party, independent inspectors, helps to ensure that your waterproofing is not compromised during installation—setting a standard you can trust.

- Backfilled concrete walls
- Underslab
- Concrete joint waterstops
- Precast concrete structures
- Property-line construction
- Soldier pile & lagging
- Shotcrete foundation walls
- Remedial waterproofing

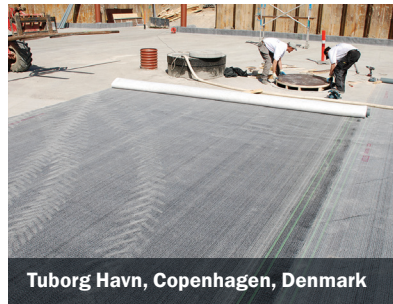




University of Texas, Austin, TX, USA



Shadyhills H.S., Cambridge, MA, USA



Tuborg Havn, Copenhagen, Denmark



500 W. 30th Street, New York City, NY, USA

“When I have a challenging waterproofing project I always turn to CETCO for direction. Good communications are imperative for a successful job and the CETCO CAD details provide the clarity needed between designer and contractor.”

—Lynn Paul, SSE Engineering Inc., St. Louis, MO



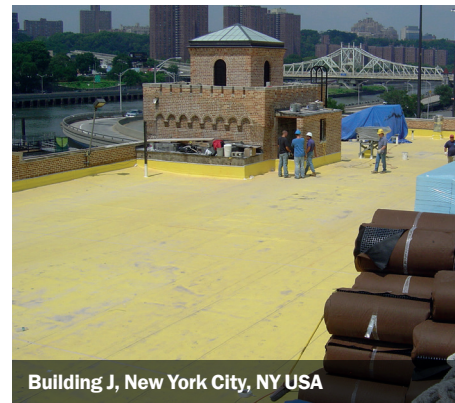
# PLAZA DECK RESTORATION AND WATERPROOFING

**High performance products engineered to reduce labor and save time.**

Effective plaza deck waterproofing not only needs to provide long-term protection against water ingress, but it must also have unique performance and installation characteristics that will help maintain your building's normal operation. In addition to reducing installation time, our advanced products and proven installation process help reduce hazards, noise and waste experienced with common waterproofing systems.



Sandpiper, Litchfield by the Sea, Pawley's Island, SC, USA



Building J, New York City, NY USA



BJC Bio Med Plaza, St. Louis, MO, USA



Rush University Medical Center, Chicago, USA



Piper Tech, Los Angeles, USA

- Reduced building exposure
- Proven waterproofing technology
- Minimal demolition
- Fast installation
- Ideal for green roof applications



# GreenScapes™ GREEN ROOF SOLUTIONS

From the plants to the waterproofing—all from a single source.

GreenScapes™ Green Roof Solutions combines the performance of proven waterproofing systems with modern green roof technology and design. We work with you to develop a green roof solution that is specific to you and your building's aesthetic, functional and structural requirements. From low-maintenance extensive systems, to more comprehensive intensive assemblies, CETCO offers a variety of systems, components and accessories—all from a single source.



Sandpiper, Pawleys Island, SC, USA



Ronald McDonald House, Chicago, IL, USA

- Design assistance
- Intensive systems
- Extensive systems
- Planter assemblies
- Plaza deck assemblies
- Vegetated tray systems
- High-wind/steep-slope assemblies

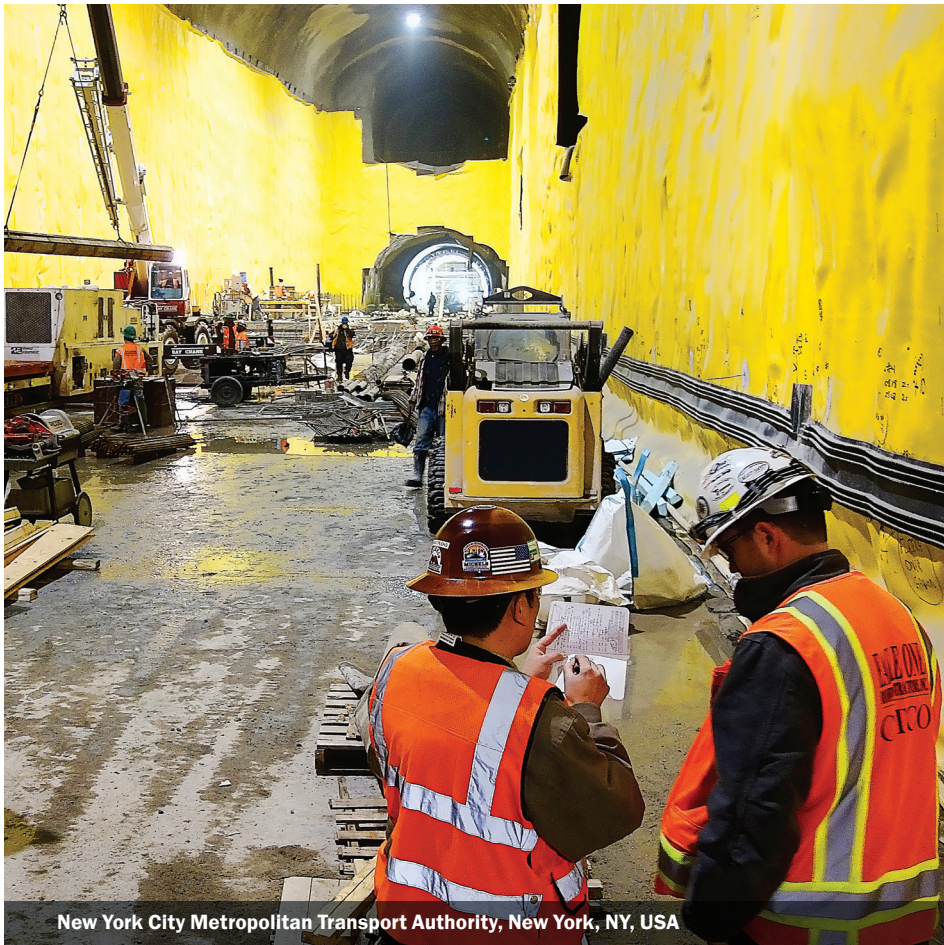
**GREENSCAPES™**  
Green Roof Systems by **CETCO**



# TUNNEL WATERPROOFING

## Ultimate protection and unrivaled installation process for watertight tunnels

From deep tunnels bored through solid rock to cut-and-cover in friable soil, tunnel waterproofing is one of the most demanding and challenging sectors of the industry. In addition to the wide range of products suited for these unique challenges, CETCO offers deep expertise in planning, consultation and installation to ensure low-maintenance, watertight structures for generations.



- Easy and reliable welding
- Excellent puncture and elongation properties
- Micro-organism and chemical resistant\*
- Construction durability
- Fire and heat resistant
- Non-reinforced and reinforced options available
- Active and passive options available



\* Contact your CETCO representative for compatibility.



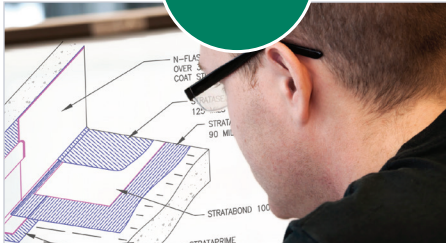
# HydroShield™ Quality Assurance Program

The most comprehensive waterproofing protection in the industry.\*



Nothing threatens the structural integrity and quality of a building like water ingress. The HydroShield Quality Assurance Program is a systematic approach to ensure optimum, long-term waterproofing performance on every project. No other waterproofing manufacturer can match the peace of mind that comes with expert consultation, strategically managed installation, contractual accountability and a no-dollar-limit warranty. Our reputation for long-term performance and superior customer service is based on more than 50 years of waterproofing success around the world. **IF IT'S WORTH BUILDING, IT'S WORTH PROTECTING.**

## DESIGN ASSISTANCE



### Integrated approach—customized to your specific project needs

Whether you need material selection guidance, specification preparation or timely CAD details, our professionals will work with you hand in hand to ensure your project's success from pre-design through completion of construction.

## APPROVED APPLICATORS



### Successful installation begins with experienced, professional craftsmanship

Since 1981, CETCO has maintained and managed an Approved Applicator Program like no other manufacturer. Our long-term partnerships are a testament to our commitment to high standards of quality on every HydroShield project.

## INDEPENDENT INSPECTORS



### Quality assurance every step of the way

Effective waterproofing inspections require a well-coordinated field effort. Compliance with project requirements during installation and subsequent work by other trades is monitored by third-party independent inspectors hired by the owner.

## PERFORMANCE



### Years of project experience and research goes into every product

Successful waterproofing starts with choosing the right materials. Since 1963, more than a billion square feet of CETCO waterproofing products have been installed around the world, becoming the standard by which all other waterproofing membranes are measured.

\* Available in select locations. Please see your CETCO representative for more details.



**CETCO**®

1.800.527.9948 | [www.cetco.com](http://www.cetco.com)

## **OUR STANDARDS. YOUR PEACE OF MIND.**

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