

PREPRUFE® Portfolio

Protect your structure with the proven
PREPRUFE® waterproofing system.

PROTECTING BUILDINGS AND BUSINESSES FOR OVER 50 YEARS



A Comprehensive Waterproofing System

FOR EVERY PROJECT AND BUDGET

GCP offers the most comprehensive suite of foundation waterproofing systems, incorporating Advanced Bond Technology™.

PREPRUFE® membrane products are specifically designed to perform in every waterproofing application. They incorporate Advanced Bond Technology™ to create a continuous, integral adhesive bond to concrete. This integral bond is specifically designed to provide a robust barrier to water, moisture and gas and prevent lateral migration of water. The technology allows PREPRUFE® membranes to form a continuous unbroken seal with the concrete for the design life of the project.

Our systems offer superior strength and performance over bentonite clay, conventional self-adhesive and mechanically-bonded membranes. PREPRUFE® system made of more resilient films, the systems are resistant against punctures, hydrostatic pressures and resistant to chemicals, TCE/PCE, methane and radon.

SYSTEM FEATURES

- Proven successful 25+ year track record and global reach
- Advanced Bond Technology™ - fully bonds to structural concrete to prevent lateral water migration
- Strong and durable films - resilient, flexible, time-tested waterproofing material
- Easy to install and straight forward detailing reduces errors and enhances productivity
- Provides resistance to soil contaminants such as methane, carbon dioxide, hydrocarbon vapors and radon gas
- Sustainable, Red List Free and LBC compliant materials
- Backed by end-to-end design and field support



No.1

The most trusted
fully-bonded
waterproofing technology

ZERO

Zero lateral water migration
between the membrane
and the structure

PREPRUFE® Applications

PREPRUFE® membranes are available for virtually any application from low risk areas with intermittent water and vapor conditions to high risk applications deep below the water table.

Installer friendly, globally proven waterproofing performance for critical applications.

AIRPORTS

INFRASTRUCTURE

RAILWAYS AND SUBWAYS

EDUCATION

COMMERCIAL/RETAIL

MIXED USE

STADIUMS

RESIDENTIAL

MUSEUMS

PREPRUFE® Foundation Waterproofing System Highlights

Our products are backed up by end-to-end design and field support, helping simplify the installation, leading to labor, schedule and material cost savings. All PREPRUFE® waterproofing membranes raise the bar for building standards and are **Red List Free**.

PRE-APPLIED
CAST IN PLACE

- PREPRUFE® Plus, 160R Plus & 300R Plus**

A pre-applied waterproofing release liner free membrane with patented dual adhesive ZipLap™ technology intended for critical construction applications such as occupied space and sensitive environments.
- PREPRUFE® 275**

A pre-applied sheet membrane solution optimized for shotcrete walls as well as under the cast in place concrete with intermittent water and low or no hydrostatic condition applications.
- PREPRUFE® 250**

A pre-applied waterproofing membrane with primer-less adhesive laps intended for low risk construction applications such as unoccupied space, parking garages, mechanical rooms and utility grade basements.

PRE-APPLIED
SHOTCRETE

- PREPRUFE® 275**

A pre-applied sheet membrane solution optimized for shotcrete walls as well as under the cast in place concrete with intermittent water and low or no hydrostatic condition applications.
- PREPRUFE® SCS Plus**

A unique grouted waterproofing system designed for shotcrete applications. After shotcrete placement, injection of the specially formulated PREPRUFE® SCS hydrophilic grout is used to fill and seal the system, providing ultimate waterproofing protection. It meets the stringent LARR requirements for methane mitigation and is chemically resistant to aggressive soils and contaminated groundwater.

POST-APPLIED
FOUNDATIONS

- PREPRUFE® 800PA**

An advanced waterproofing membrane, non-asphaltic post applied sheet incorporating PREPRUFE® Advanced Bond Technology for two-sided walls waterproofing below grade.

PREPRUFE® Waterproofing Essentials

Advanced Features

ZERO LATERAL WATER MIGRATION	HYDROSTATIC HEAD RESISTANCE	MECHANICAL RESISTANT PROPERTIES	CONCRETE PEEL ADHESION	RELEASE LINER FREE & KICKOUT ROLL	DUAL ADHESIVE ZIPLAP	GROUTED SYSTEM
✓	● ● ●	● ● ●	● ● ●	✓	✓	○
✓	● ● ○	● ● ●	● ● ●	✓	✓	○
✓	● ● ○	● ● ○	● ● ○	○	○	○

ZERO LATERAL WATER MIGRATION	HYDROSTATIC HEAD RESISTANCE	MECHANICAL RESISTANT PROPERTIES	CONCRETE PEEL ADHESION	ADVANCED BOND TECHNOLOGY™	RED LIST FREE	SELF- PROTECTING
✓	● ● ○	● ● ●	● ● ●	✓	✓	○
✓	● ● ●	● ● ●	● ● ●	✓	○	✓

ZERO LATERAL WATER MIGRATION	HYDROSTATIC HEAD RESISTANCE	MECHANICAL RESISTANT PROPERTIES	CONCRETE PEEL ADHESION	ADVANCED BOND TECHNOLOGY™	RED LIST FREE	SELF- PROTECTING
✓	● ● ●	● ● ●	● ● ●	✓	✓	○

Companion Products

GCP offers a wide range of complimentary products and system accessories that work with PREPRUFE® waterproofing systems.

PREPRUFE® LIQUID FLASHING

Two-component elastomeric, cold applied, material designed to use with PREPRUFE® waterproofing membranes in pre-applied waterproofing systems which adheres to concrete poured onto it providing seamless bond to concrete and Preprufe.

PREPRUFE® TAPE & CJ TAPE

Specially formulated two-sided, reinforced, pressure sensitive tape.

PREPRUFE® TIEBACK COVER

Two-part cover used to maintain waterproofing integrity at soil retention tieback heads.

PREPRUFE® GROUT EG 75

High-performance, solvent-free epoxy grout for use at pile heads and similar structural penetrations.

FLORPRUFE® 120

Integrally bonded vapor protection for slabs on grade.

BITUTHENE®

BITUTHENE® post-applied sheet waterproofing is available in number of grades to suit your needs ranging from standard two-sided wall proofing to the methane barrier application.

HYDRODUCT® DRAINAGE COMPOSITE

Robust membrane protection for efficient water deflection.

ADCOR® WATERSTOPS

For below-grade construction, waterstops represent a safe, common-sense approach to preventing water infiltration through seams in concrete.

INJECTO®

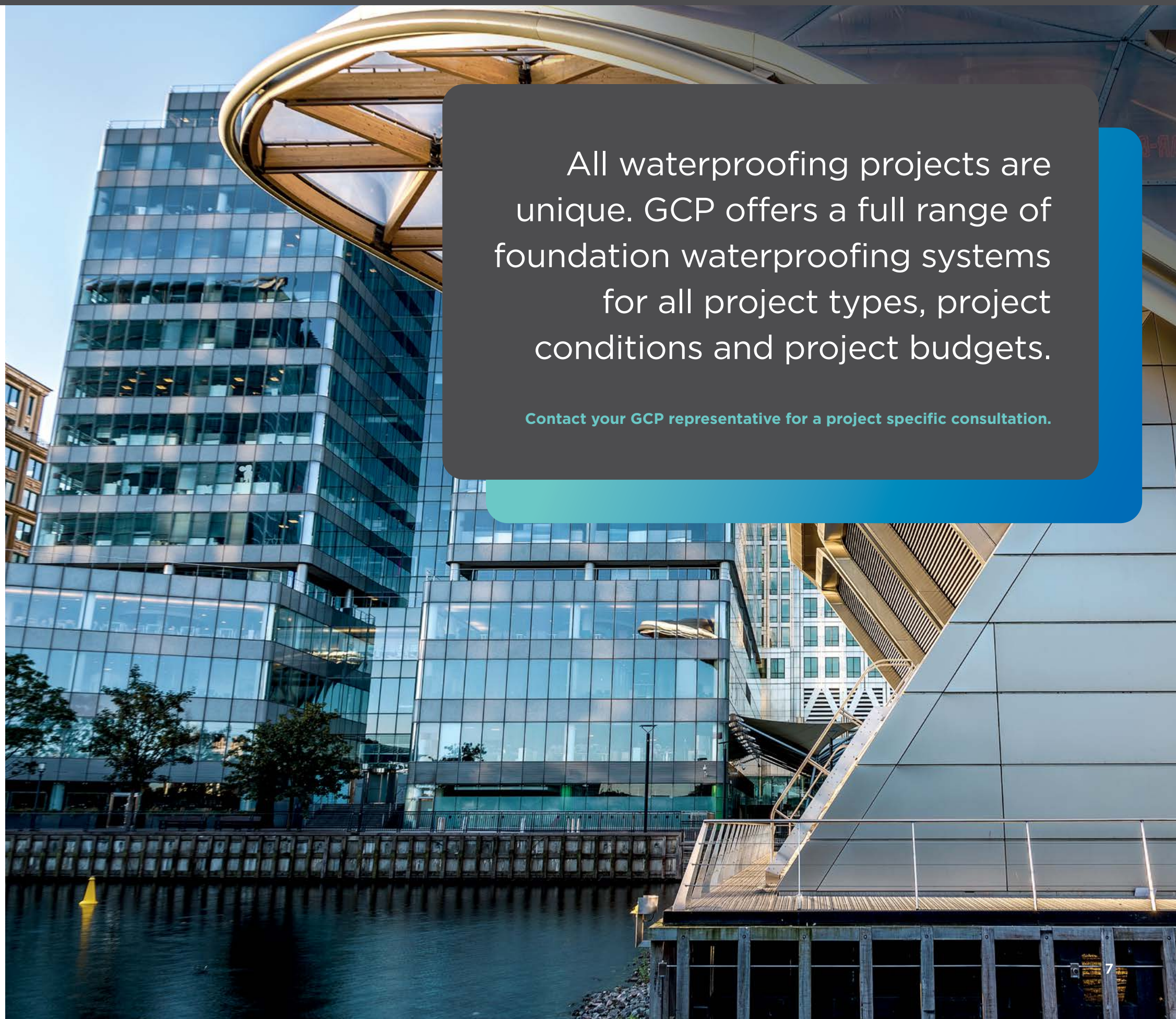
Groutable hose waterstop system.

BITUTHENE® LIQUID MEMBRANE

Two component, liquid applied detailing compound.

All waterproofing projects are unique. GCP offers a full range of foundation waterproofing systems for all project types, project conditions and project budgets.

Contact your GCP representative for a project specific consultation.



Learn more about
GCP's **PREPRUFE**[®]
waterproofing systems.

Visit us at **gcpat.com**

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