

BASEMENT WATERPROOFING PORTFOLIO

Protect your structure with the proven
PREPRUFE® and BITUTHENE®
waterproofing systems

COMPREHENSIVE WATERPROOFING SYSTEM

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, mechanically and poorly bonded adhesive membranes. PREPRUFE® system made of more resilient HDPE films, the systems are resistant against punctures, hydrostatic pressures and resistant to chemicals and gas.



THERE IS A PREPRUFE® FOR EVERY BASEMENT WATERPROOFING PROJECT

SYSTEM FEATURES

- Proven successful 30 year track record and global reach
- Advanced Bond Technology™ - fully bonds to structural concrete to prevent lateral water migration
- Strong and durable HDPE 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
- Backed by end-to-end design and field support

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 application in:

Airports	Education	Commercial/Retail
Mixed Use	Stadiums	Infrastructure
Railways and Subways	Residential	Museums
Data Centers		

PREPRUFE® BASEMENT 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. PREPRUFE® waterproofing systems deliver long-lasting, reliable protection with proven performance.

PRE-APPLIED

PREPRUFE® Plus

Pre-applied waterproofing release liner free membrane with patented dual adhesive ZipLap™ technology intended for critical below ground construction applications such as habitable basements with sensitive environments.

PREPRUFE® 250

Pre-applied waterproofing membrane with smooth surface and primer-less adhesive laps intended for lower risk below ground applications such as parking garages, plant rooms and utility spaces.

PREPRUFE® 120S AND 150S

Pre-applied waterproofing membranes with particulate surface and primer-less adhesive laps intended for lower risk below ground applications such as parking garages, plant rooms and utility spaces.

OPEN EXCAVATION

BITUTHENE®

BITUTHENE® post-applied sheet waterproofing is available in number of grades to suit the project requirements ranging from standard waterproofing to gas barrier applications.

PREPRUFE® Waterproofing Essentials

Advanced Features

ZERO LATERAL WATER MIGRATION	HYDROSTATIC HEAD RESISTANCE	MECHANICAL RESISTANT PROPERTIES	CONCRETE PEEL ADHESION	KICKOUT ROLL	DUAL ADHESIVE ZIPLAP	SIMPLE 3 PRODUCT SYSTEM
✓	● ● ●	● ● ●	● ● ●	✓	✓	✓
✓	● ● ○	● ● ○	● ● ●	○	○	✓
✓	● ● ○	● ● ●	● ● ●	✓	○	✓

ZERO LATERAL WATER MIGRATION	HYDROSTATIC HEAD RESISTANCE	MECHANICAL RESISTANT PROPERTIES	CONCRETE PEEL ADHESION	FULLY BONDED	COLD APPLIED	EDGE BEAD
✓	● ● ●	● ● ○	● ● ●	✓	✓	✓

COMPANION PRODUCTS

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

PREPRUFE® TAPE & CJ TAPE

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

HYDRODUCT® DRAINAGE COMPOSITE

Robust membrane drainage and protection sheets for efficient water deflection.

RE-INJECTO®

Groutable hose waterstop system.

BITUTHENE® LIQUID MEMBRANE

Two component, liquid applied detailing compound.

PREPRUFE® DLM

A damp-concrete tolerant and monocomponent detailing liquid membrane for use with GCP waterproofing membranes.

ADCOR® WATERSTOPS

Swelling waterstops provide a safe secondary protection to concrete joints to prevent water ingress.

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

Contact a GCP representative to discuss your project requirements.







GCP APPLIED TECHNOLOGIES

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SCAN TO LEARN MORE



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