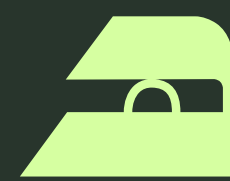
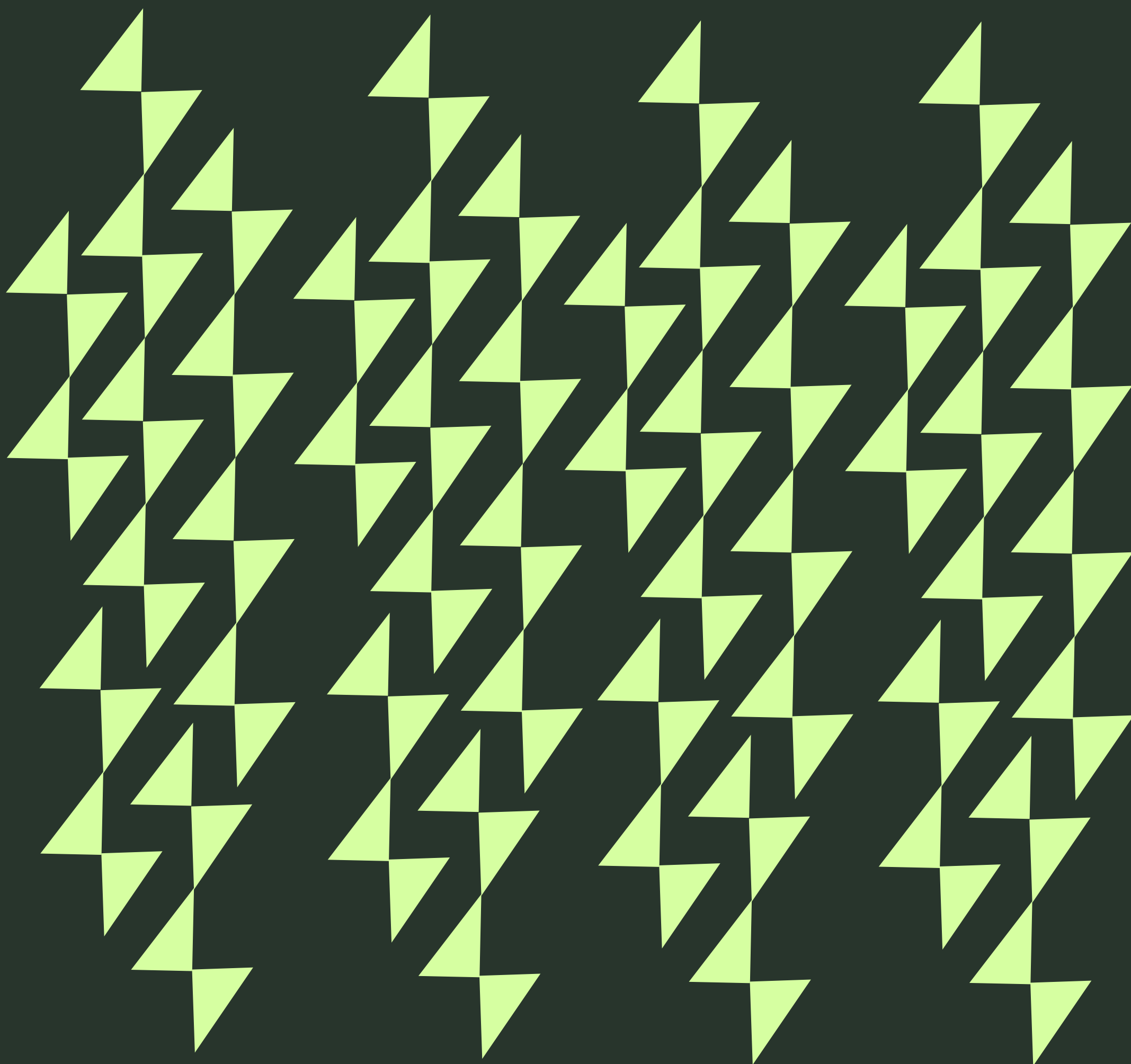


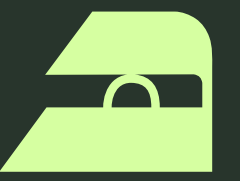
# BUSINESS PROFILE



2025



Crystallizing the durability of the future

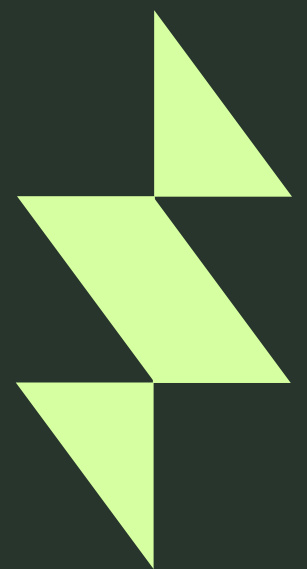


# WHO WE ARE

We are a leading Saudi company specializing in smart waterproofing solutions. We provide proactive and long-lasting protection for concrete structures using the latest advancements in science — the advanced Canadian Xypex crystalline technology. This innovative approach transforms concrete into a solid barrier against water and moisture intrusion, enabling us to build a structural legacy that stands the test of time and serves future generations.

Today, we apply Xypex crystalline technology across the Kingdom of Saudi Arabia as part of the nation's drive toward developing a sustainable and advanced infrastructure, in alignment with the goals of Vision 2030.

We are committed to continuous improvement, technical and ethical excellence, and aim to be the trusted choice for waterproofing solutions in the region — driven by integrity, innovation, customer satisfaction, and the building of long-term partnerships.



**What sets this technology apart is its self-renewing protection, where crystal formations automatically repair cracks. Global expertise with a local measure — we combine international scientific knowledge with our deep understanding of the Saudi environment and building codes. Sustainability aligned with Vision 2030 — we contribute to achieving the Sustainable Development Goals by reducing waste and extending the lifespan of structures.**





# MISSION

At Haykal Al-’Azl, we are committed to continuous development in response to our clients’ evolving needs. We strive to deliver innovative solutions that enhance project quality and efficiency. Our services are built on listening to our clients and understanding their aspirations, enabling us to meet and exceed expectations with confidence and professionalism.



# VISION



At Haykal Al-’Azl, we aim to contribute to the prosperity and development of our nation and community by offering advanced construction solutions that enhance the quality of life and support the sustainable evolution of infrastructure. We aspire to be a proactive partner in the journey of progress and growth, through innovation, dedication, and steadfast values.

# VALUES

Azl, our work and relationships are grounded in a core set of values that define our organisational culture

## Commitment



We honor our promises and uphold our obligations to clients, partners, and team members

## Honesty



We are committed to clarity and transparency in everything we do

## Excellence



We continuously aim to deliver the best, pursuing growth and improvement in everything we offer

## Integrity



We act with sincerity and responsibility, upholding the highest standards of professional ethics

## Time Respect



We value time as a critical element of efficiency and success, and always strive to meet deadlines

## Respecting Others



We believe in fairness and human dignity, fostering an environment of mutual respect

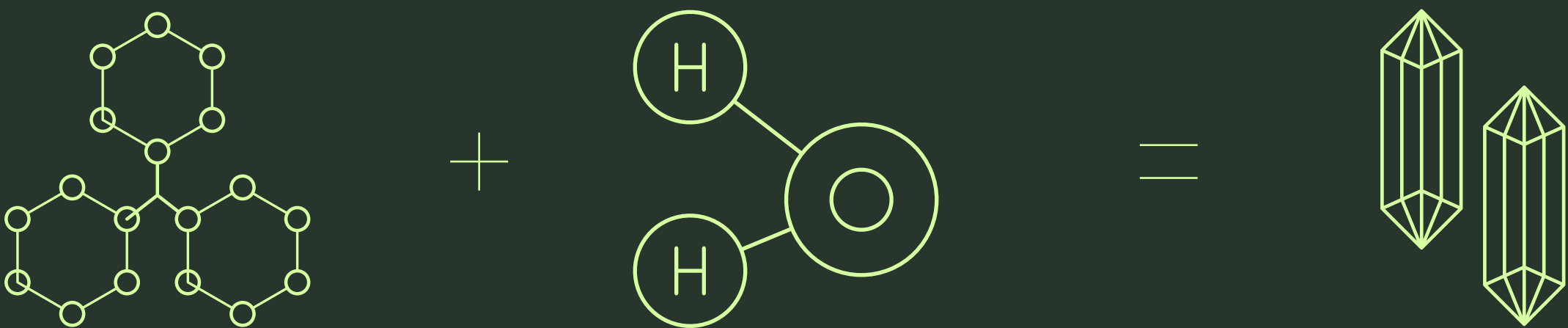




# CRYSTALLINE TECHNOLOGY

In the presence of water as a catalyst, Xypex’s proprietary chemicals react with the natural by-products generated during the cement hydration process, forming insoluble crystalline structures within the pores and capillaries of the concrete. These crystalline structures become a permanent and integral part of the concrete matrix, preventing the penetration of water and liquids even under high hydrostatic pressure, and providing effective protection against harsh environments and aggressive chemicals.

By using this technology, the pores are not merely sealed; instead, the concrete is permanently transformed into a waterproof and chemical-resistant material from within, eliminating the need for traditional surface membranes that can deteriorate or wear out over time. Xypex’s crystalline technology has been utilized in thousands of projects worldwide, demonstrating its superior strength and efficiency compared to conventional solutions.



## The Xypex Advantages

- 1

**Permanent Internal Waterproofing:**  
Crystals integrate into the concrete structure, providing lasting protection from within.
- 2

**High Water Pressure Resistance:**  
The technology withstands high hydrostatic pressure without the need for additional layers.
- 3

**Self-Healing Cracks:**  
Automatically seals hairline cracks up to 0.5 mm in the presence of water.
- 4

**High Chemical Resistance:**  
Protects concrete from aggressive chemicals such as sulfates and acids.
- 5

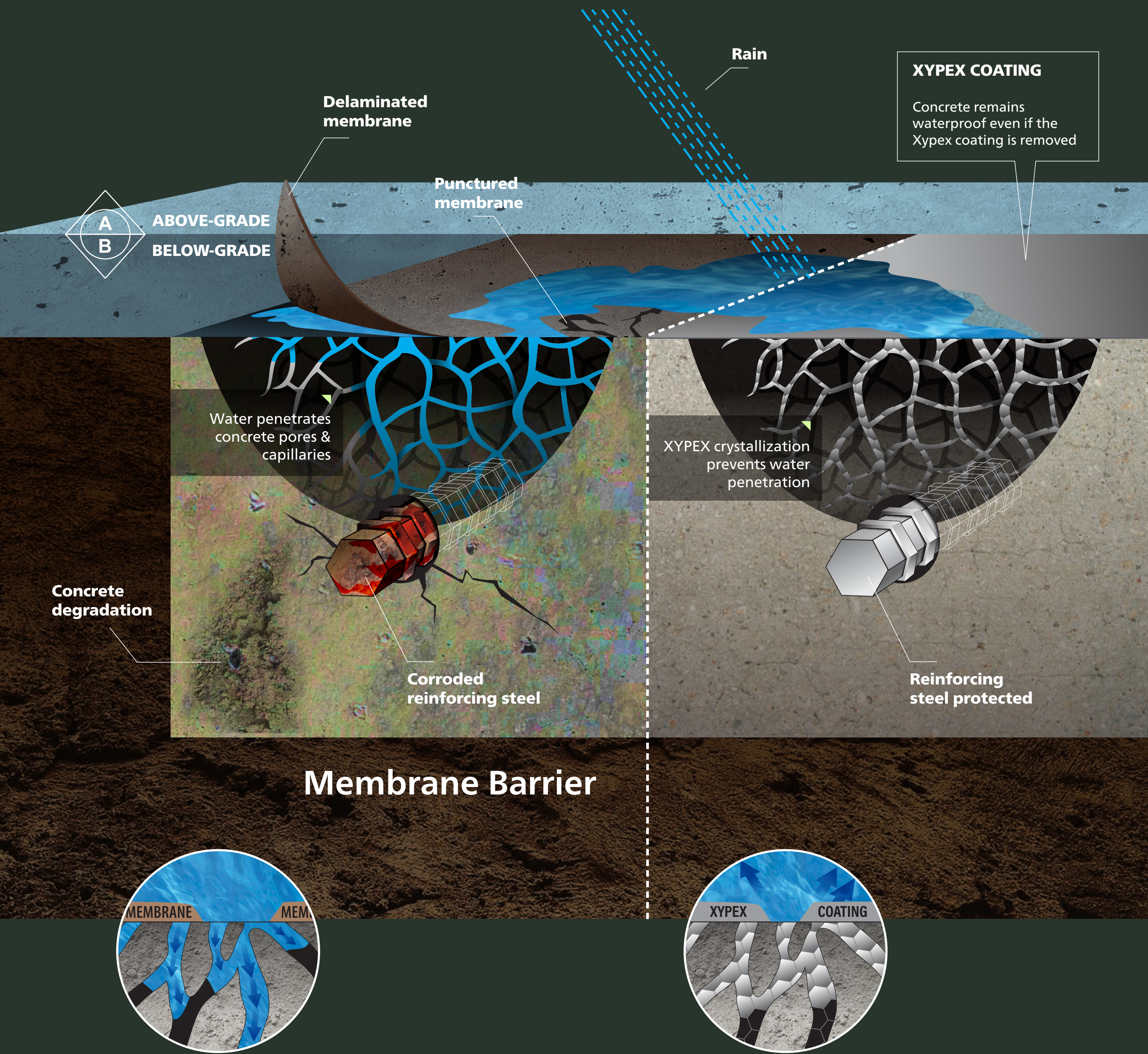
**Environmentally Friendly:**  
Free of volatile organic compounds (VOCs) and requires no routine maintenance.
- 6

**Cost and Time Efficiency:**  
Reduces the need for additional waterproofing systems, saving on construction and maintenance costs.





# XYPEX COATING



## The Problem with Membranes

Membranes and other traditional barrier systems are intended to work on the outside of concrete. They rely on the bond they achieve with the concrete surface. The illustration shows what can occur when the surface-bond of a membrane is broken. Whether by puncturing or hydrostatic pressure, the membrane has delaminated, opening pathways through which water and other damaging liquids can easily enter, penetrate and damage the concrete. The protection, durability and overall integrity of the concrete is weakened, and the reinforcing steel has corroded.

## The XYPEX Crystalline Solution

Xypex coatings and admixtures are designed to work inside the concrete. Xypex chemicals penetrate the pores and capillaries of the concrete, react with the by-products of cement hydration and form a non-soluble crystalline structure deep within the slab.

The concrete becomes impermeable, preventing the penetration of water and the corrosive effects of moisture and oxidation on reinforcing steel. The concrete will remain fully waterproofed even if the coating is removed. And, by blending Xypex Admix into the concrete mix at time of batching, Xypex Crystalline Technology becomes immediately active throughout the concrete mass.

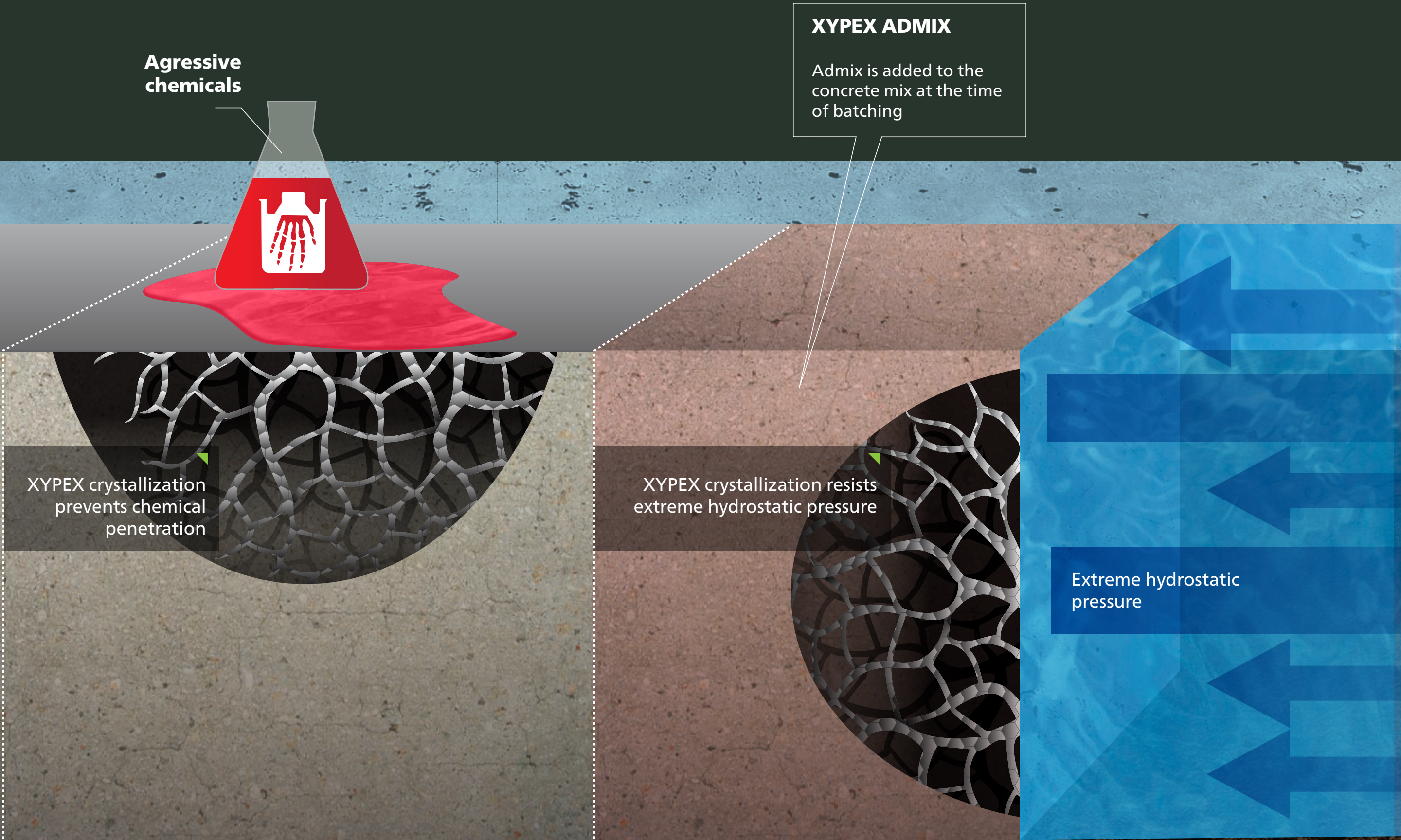




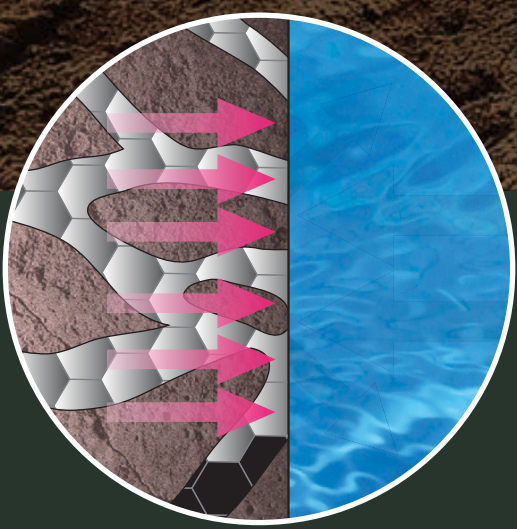


# XYPEX® CRYSTALLINE TECHNOLOGY

This illustration of concrete shows how Xypex Crystalline Technology works to remedy the primary problems that concrete encounters because of its naturally porous condition. The illustration also highlights the areas where traditional barrier and membrane systems are weak or ineffective and why Xypex products provide a reliable solution.



The technology can be installed as a Coating, Dryshake or Admixture.



## Resisting Aggressive Chemicals

Xypex products are used on many projects where aggressive chemicals threaten the integrity of concrete. Wastewater treatment plants, bridges, chemical containment structures, highways and marine environments all benefit from Xypex Crystalline Technology and its ability to prevent the penetration of a wide range of chemicals including mild acids, solvents, chlorides and caustic materials. Because Xypex is pH specific, it will protect concrete from any chemical whose pH range is 3.0 to 11.0 constant contact, or 2.0 to 12.0 periodic contact.

## Resisting Hydrostatic Pressure

Reservoirs, swimming pools, aquariums, wastewater treatment plants, dams, marine and a host of below-grade structures are subject to the pressure of water and other fluids from either the inside or the outside of their concrete framework. Because Xypex is not dependent on surface adhesion but instead becomes an integral part of the concrete mass, it is capable of resisting extreme hydrostatic pressure. Independent test results have shown that a two-coat application of Xypex eliminates leakage at pressures of at least 400 ft. of head pressure.





# BENEFITS



## During the Project

- Significant reduction in installation time.
- Fewer activities overlap.
- Reduces Manpower.



## After Handover

- Easy to Inspect Problems and detect Leakage Sources.
- Low Maintenance Cost.
- Minimal maintenance time .
- Minimum downtime and the potential loss.



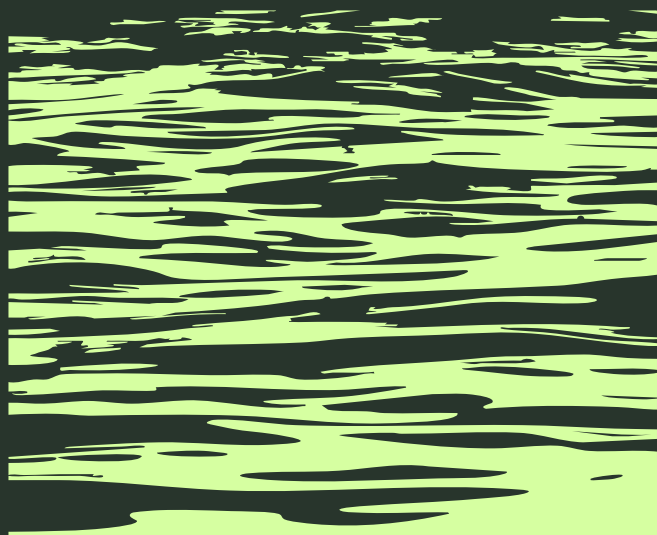
## Along Building Life

- Self-protected Concrete against Water and Chemicals.
- Permanent Solution.
- Increase Building usage life.
- Low Total Cost of Ownership.



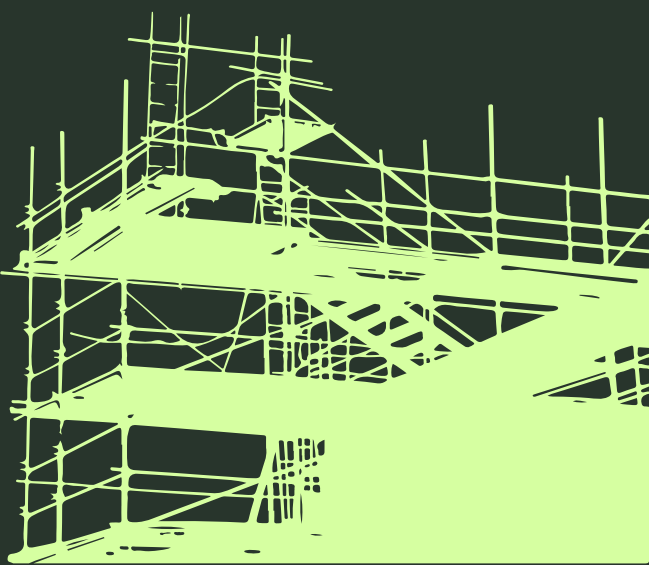
# OUR SOLUTIONS

## Waterproofing Application



**Ideal for:** New constructions, below-grade structures, water-retaining elements

## Waterproofing Repair & Rehabilitation



**Ideal for:** Existing structures with leaks, ageing waterproofing, failed coatings or membranes

### Our Solutions Speak for Themselves

- An integrated protection system — from foundations to rooftops
- Customized solutions for mega projects and critical structures
- A specialized engineering team providing technical and consultancy support

Our expert team provides professional application of Xypex crystalline waterproofing systems for new concrete structures. Whether for foundations, basements, water tanks, tunnels, or commercial buildings, we ensure long-lasting protection against water ingress. We offer:

- Surface-applied crystalline coating systems
- Admixture integration for new pours
- Detailed substrate preparation and joint sealing
- Full compliance with Xypex standards and manufacturer recommendations
- Application tailored to the Saudi climate and project scale

When structures fail due to leaks or improper waterproofing, we step in with proven methods to restore and reinforce them. Using Xypex repair products, we target the root cause, not just the symptoms, ensuring long-term durability. We offer:

- Crack repair and sealing
- Concrete rehabilitation using crystalline patching materials
- Active leak treatment under pressure
- Structural joint sealing
- Remediation of previous waterproofing system failures





# OUR SERVICES

## Technical Support

Specialised consultancy, site assessments, and supervision tailored to each project.



## Application & Installation

Certified applicators delivering professional Xypex installation with full technical compliance.



## Concrete Repair & Rehabilitation

Expert solutions for damaged or leaking structures using advanced crystalline repair systems.



## Supply

We're not just suppliers — we're partners in building a structural legacy.







# WHY CHOOSE HAYKAL AL-'AZL?



Authorized applicator by Unicom and Xypex



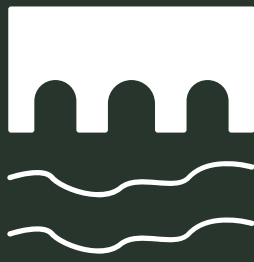
Tailored solutions based on site-specific  
conditions



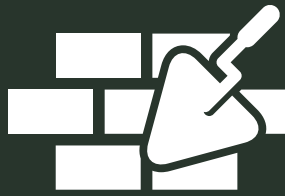
Strict quality control and a highly trained  
professional team



On-time execution and specialized  
consultation for every project



Sustainable results and lifetime  
waterproofing protection







# OUR PROJECTS



Qatar Central Bank Data Center (4B+8F)



HBK Headquarters, Doha Jadeed (5B+11F)



Dubai Metro, Dubai





# OUR PROJECTS



Khalifa Port and Industrial Zone, Abu Dhabi



Oasis Luxury 5-Star Hotel (3B+9+P)





# GET IN TOUCH

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info@haykal-azl.com



Every project is a success story we're committed to writing in the language of strength and quality.

