izoteck.com

iZOTECK

eCatalog

NIMA ARABIA

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iZOTECK | INNOVATIVE COATING SOLUTIONS

ABOUT US

Mission

To redefine industrial asset protection by delivering innovative coating technologies that ensure sustainability, safety, and performance for generations

Vision

Our mission is to equip industries with environmentally responsible, high-performance coatings that minimize maintenance, maximize lifecycle, and meet the evolving needs of asset integrity

We Listen | We Advice | We Sell | We Care

For more than two decades, Nima Arabia has been the leading company in performing different trading activities in the region. We strive to exceed our customers' expectations by catering cutting-edge solutions to their industry.

We believe that our motto: ***WE LISTEN WE ADVICE WE SELL WE CARE*** represents the essence of our interactions with every customer and community that we serve. We are dedicated to utilizing the entirety of our resources to fulfill the needs of our customers.

This commitment has enabled us to consistently present our customers with the best and most practical solutions for supporting their business success.

In 2019, **IZOTECK** brandname was created as a dedicated division to bring Innovative Coating Solutions to achieve our clients' main objectives: **Asset Protection, Save Energy, Provide Safety, Improve Decarbonization, and Increase Facility Performance** using long-term economic solutions.

OUR VALUES



INNOVATION

Driving breakthrough solutions that reshape the future of protection



ETHICS

Every solution we offer stands on trust and principles



SUSTAINABILITY

Innovating responsibly is to protect assets and the planet for a prolonged time



INTEGRITY

Building trust through consistent, solution-focused excellence and transparency



GOALS

Clear goals turn visions into reality and drive sustained success.



COLLABORATION

The best solutions emerge when diverse minds work together in harmony.

SECTORS

- Oil & Gas
- Petrochemical
- Marine & Offshore
- Industrial
- Roads

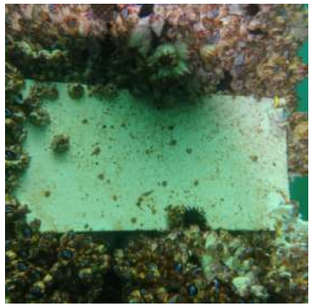


















"Step into the future of asset protection with Innovative Coating Solutions tailor made to Protect, Enhance and Extend the life span of your assets"

OUR PATENTED INNOVATIONS



ISOLAT®

Nano Ceramic
Thermal Insulation

No Cladding
Ultra Thin
Leak Detection
Maintenance Free

Zydex®
Innovating for Sustainability

Roads Enhancement
Nano Technology

Nano Anti Stripping
Warm Mix Asphalt
Nano Soil Treatment
Universal Moisture Stability





alocitsystems

Splash zone &
Underwater Coating

No Cladding
Ultra Thin
Leak Detection
Maintenance Free

ENVIROPEEL
THERMOPLASTIC SYSTEMS

Corrosion Arrest
Encapsulation Shield

Rotating Equipment
Complicated Assembly
Minimum Surface Preparation
Re-usable Material
Extend Asset Service Life



ISOLLAT® THERMAL INSULATION

Nano Ceramic Thermal Insulation Technology | Non Metallic System

ISOLLAT is a Nano Ceramic Thermal Insulation System designed for any shape of any hot surface as a Rockwool alternative.

ISOLLAT is made of Microscopic Ceramic and Silicate hollow microspheres filled with rarefied air that are suspended in a high-quality polymer binder



ISOLLAT APPLICATIONS

- STEAM PIPELINES
- CHILLED PIPELINES
- VALVES
- CHIMNEYS
- DUCTS
- STORAGE TANKS
- HEATING TANKS
- REACTORS
- CONCRETE & STEEL STRUCTURES











IZOTECK

ISOLAT® THERMAL INSULATION

Nano Ceramic Thermal Insulation Technology | Non Metallic System

Unique Advantages of This Technology

Reduce Corrosion Under Insulation CUI
(water vapor permeable)

Pinpoint Leakage Detection
(Visual Inspection)

Supports Easy and Fast NDT
(Non Destructive Test)

Online & Offline Insulaiton

Vandalism Free





















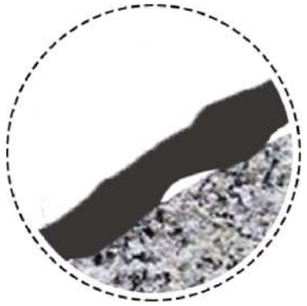
IZOTECK

Zydex®
Innovating for Sustainability

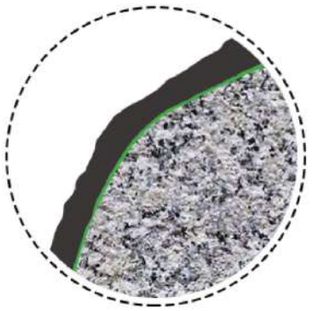
Roads Enhancement
Nano Technology

Odor Free Anti-strip and Warm Mix Technology

ZYCOTHERM is an organosilane-based additive that improves asphalt–aggregate bonding and enhances resistance to moisture-related damage, supporting longer-lasting and more durable roads.



Before ZycoTherm



After ZycoTherm

ZYCOTHERM Features:

Moisture Resistance
Reduces moisture-related damage and stripping

Warm Mix Asphalt
Improve wetting, workability and compaction at lower temperatures

Aggregate Compatibility
Wider rage of aggregate types can be for pavement

Stronger Binding
Anti-stripping and adhesion achieved 65-70% improvement





- Compatible with all aggregate types
- Environmentally friendly
- Non-toxic
- Odor free
- Extremely low dosage rates
- Excellent salt tolerance
- Compatible with PPA, SBS & CRMB
- Track Resistance
- High Bond Strength
- Lower Residual Bitumen
- Water Resistance
- Quick Setting

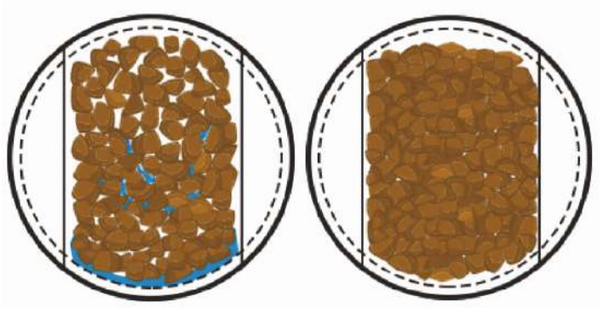
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Zydex® Innovating for Sustainability | Roads Enhancement Nano Technology

REDUCED EXPANSIVITY | WATER RESISTANCE | INCREASED COMPACTION

STRONGER, MOISTURE-RESISTANT SOIL & GRANULAR BASES

TerraSil reduces water permeability and supports improved subgrade densification, while **Nanopolymer Emulsion** stabilizes granular base layer, enhancing strength and moisture stability for durable road infrastructure.

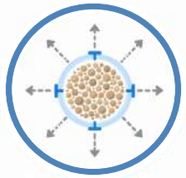




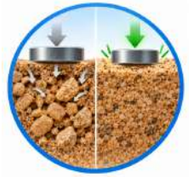
TerraSil | Sub-grade Additive



Reduces Water Permeability
Up to 500× lower permeability



Reduces Soil Expansiveness
Up to 90% reduction in expansiveness



Higher Achievable Dry Density
MDD increased from approximately 1,920 → up to 2,000 kg/m³

Nano-Polymer Emulsion | Granular Base Additive



Higher Resilient Modulus
Reduces deformation under repeated loads



Moisture Stable performance
Helps maintain stiffness when wet



Lower Permanent Deformation
Reduces base-originated rutting risk

- Permanent Water Resistance
- Eliminates Capillary Rise
- Prevents Freeze Thaw
- Reduces Expansivity
- Improves Compaction Density
- Improves Load Bearing Capacity
- Water Dilutable & Easy to Apply
- Non Leaching
- Environmentally Friendly

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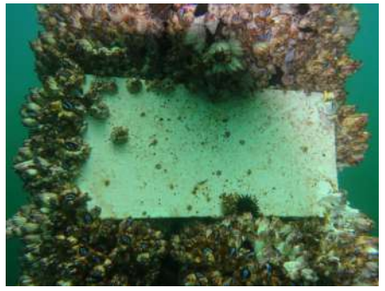
alocitsystems | Underwater Coating Technology

Environmentally Friendly | Solvent Free | Corrosion Protection

Specifically **designed** & **developed** to be **applied underwater**

ALOCIT has been in existence since mid 60's and originated in Switzerland.

ALOCIT has also been specified by the UK Military of Defense, US Army Corp, NATO, Environmental Agency, has the RSW Dutch Government's approval, and tested by DNV (Simulated Ballast Tank)





> 'Performing flawlessly is severe service'
> US NAVY REPORT







Where you can use **ALOCIT**

- Dry or Wet Surfaces (Fresh or Salty Water)
- Splash-Zone
- Steel and Concrete (Cured or New)
- Oily surfaces

Why you should use **ALOCIT**

- High Adhesion (16 MPa)
- Resists MIC & ALWC
- Environmentally Friendly
- 30 Years Performance

What industries are using **ALOCIT**

- On and Offshore
- Marine installations
- Government & Utilities
- Military Organizations

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alocitsystems | Underwater Coating Technology

Environmentally Friendly | Solvent Free | Corrosion Protection

What Makes ALOCIT Coating Technology Different?

- DNV CLASS B1
- Solvent Free
- VOC Free
- 100% Solids
- Easy application
- RAL colors are available
- Application temp. 2 to 50 Deg.C












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ENVIROPEEL
THERMOPLASTIC SYSTEMS

Corrosion Arrest
Encapsulation

Corrosion Arrest and Protective Thermoplastic Encapsulation Coating

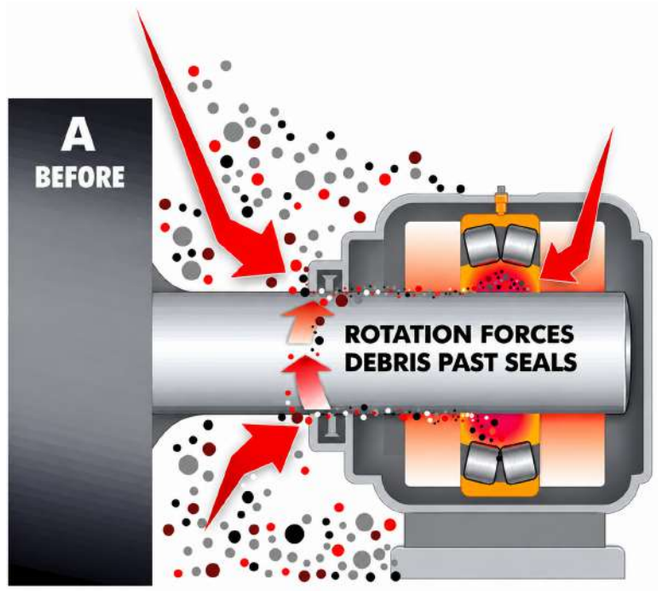
ENVIROPEEL Technology was developed to stop all types of external corrosion by eliminating electrolyte, dust and water ingress from interacting with the metallic assembly

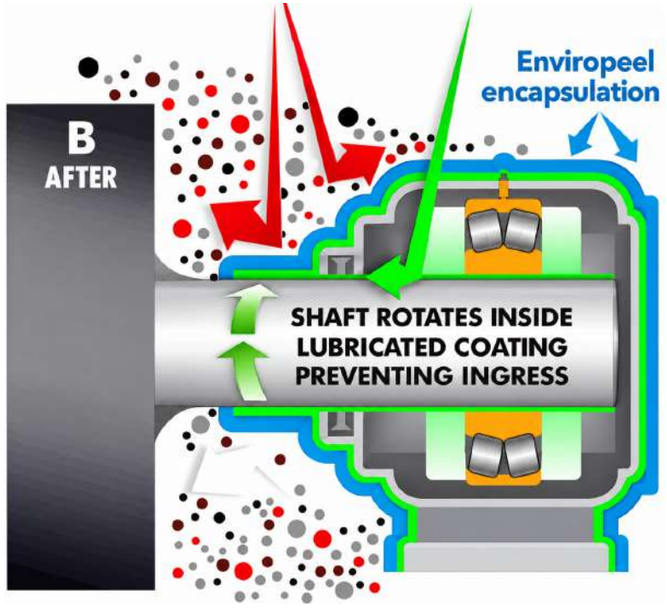


ASTM B117, 10,000 hours in a Hot Salt Fog Chamber
(Left, control sample) - (Right, Enviropeel protected sample)

How **ENVIROPEEL** works?

ENVIROPEEL is melted then sprayed on the substrate to form a thermoplastic barrier with oil corrosion inhibitor trapped between the encapsulation and the substrate to prevent (**Galvanic, Pitting, Crevices Atmospheric, MIC and ALWC corrosion as well as ingress**)





ENVIROPEEL
THERMOPLASTIC SYSTEMS

Corrosion Arrest Encapsulation

Corrosion Arrest and Protective Thermoplastic Encapsulation Coating












Active & Passive Protection

This protective shell prevents the ingress of dust and moisture, protecting bearings from contamination and premature failure.

Dissimilar Metals Protection

Preventing electrolyte (water or contaminants) from touch the Dissimilar object stops corrosion

Complex Geometry & Configuration

Since the material is melted before application it has the ability to take the shape of protected object

Environmentally Friendly

This material has 0% VOC

Re-usable

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iZOTECK INNOVATIVE ENGINEERING MATERIALS

Who Trusts Our Technologies?

