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IZOTECK

eCatalog



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IZOTECK

INNOVATIVE
ENGINEERING
MATERIALS

ABOUT US



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 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 was founded as a dedicated division to bring Innovative Engineering Materials to achieve our clients' main objectives: Asset Protection, Save Energy, Provide Safety, Improve Decarbonization, and Increase Facility Performance using long-term economic solutions.



“INNOVATION IS THE ABILITY TO
SEE CHANGE AS AN
OPPORTUNITY NOT A THREAT”

Steve Jobs

Our Partners In Success



Liquid Nano Ceramic
Thermal Insulation
"Non-Metallic"



Permanent Corrosion
Protection CUI
& Tank Bottom



Corrosion Arrest
Thermoplastic
Encapsulation



Underwater
Coating
Technology

Who Trusts Our Technologies?



aramco



PEPSICO

ExxonMobil



dar



Weatherford®



NACE
INTERNATIONAL

SIEMENS



CNPC



Martin
Marietta

Technip



HYUNDAI
HEAVY INDUSTRIES



ConocoPhillips



CB Currie & Brown



RioTinto



bhpbilliton

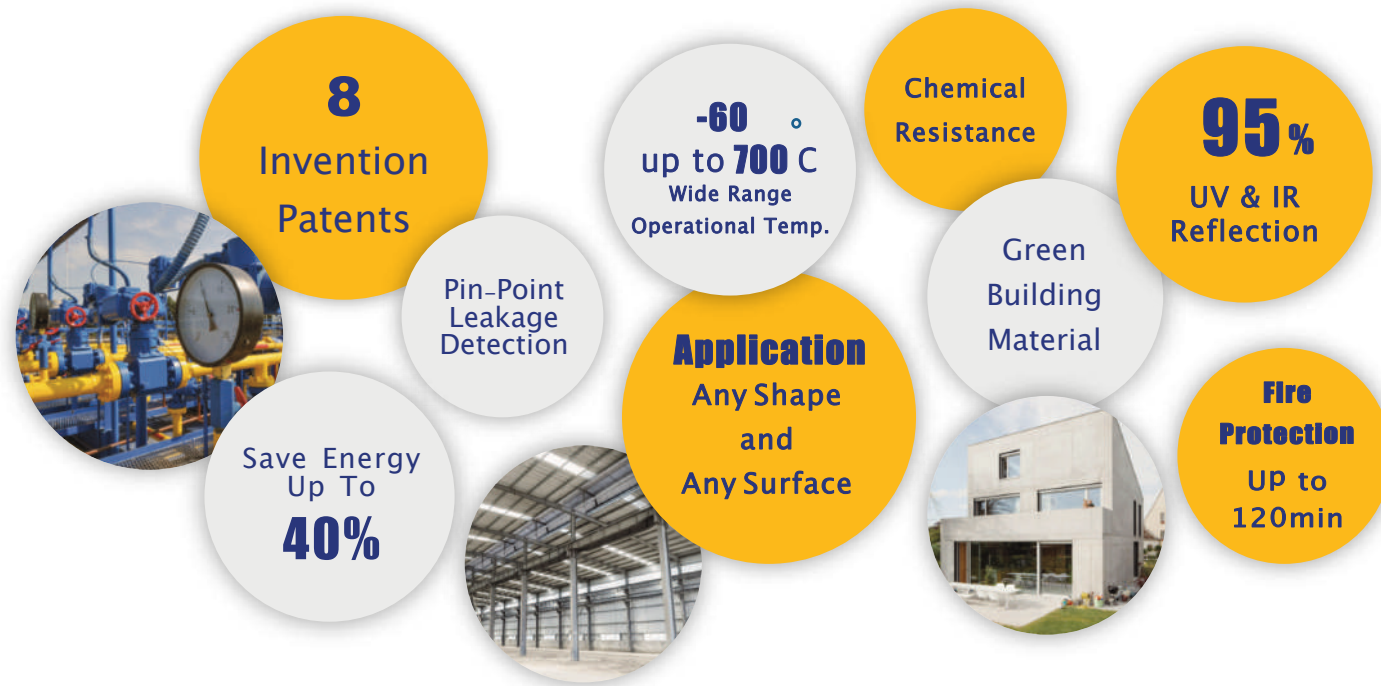


ISOLLAT[®] | THERMAL INSULATION

Liquid Nano Ceramic Thermal Insulation Technology

ISOLLAT is a liquid Nano Ceramic Thermal Insulation and Corrosion Protection Coating Technology designed for any shape of any surface.

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



Unique Advantages of This Technology

Preventing Corrosion Under Insulation CUI
(Preventing Moisture Trap)

Pinpoint Leakage Detection
(Visual Inspection)

Supports Easy and Fast NDT
(Non Destructive Test)

Maintenance Free



EONCOAT™

PERMANENT CUI
PROTECTION

Permanent Corrosion & Corrosion Under Insulation Protection

What is EonCoat?

EonCoat is a water-based 1:1 spray-applied surface treatment that chemically bonds to steel & **permanently stops corrosion and it is weldable**

**EonCoat CAN be applied to
carbon steel that has...**

SURFACE RUST

EonCoat actually bonds better to rust. No need to hold the blast. Flash rust is fine.

DAMP SURFACE

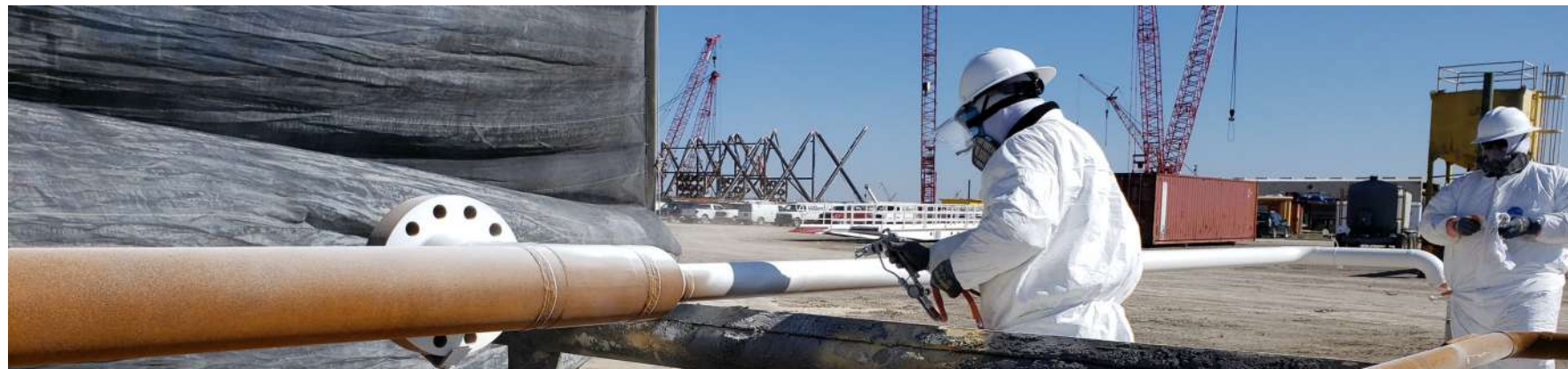
EonCoat is water-Based. A small amount of water on the surface will not cause issues.

NACE 3/SSPC SP6

No need to blast to white metal. You only need enough of a blast to clean mill-scale & old paint.

HIGH LEVELS OF SALT

EonCoat has salt in it. Salt does not bother EonCoat or affect the bond to the steel.



In 60 years of testing at the Cape, the highest score ever on a scale of 1-10 had been a 9.2.

In this test EonCoat received the first ever 10

NASA

EONCOAT™

PERMANENT CUI PROTECTION

Permanent Corrosion & Corrosion Under Insulation Protection

EonCoat is based on new science that works differently than regular paints-and coatings

EonCoat is a treatment that is applied like a coating
EonCoat is NOT paint

Operational Temperature

Up to 650°C (1202°F)

Environmentally Friendly

Inorganic water-based

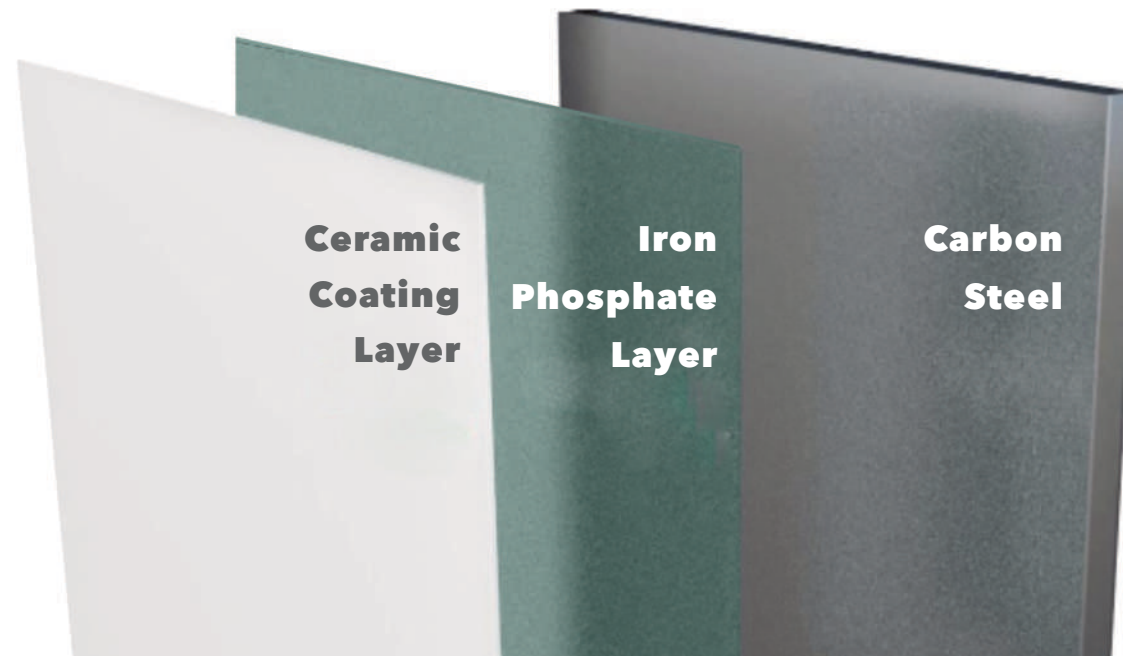
No VOC

No HAP's

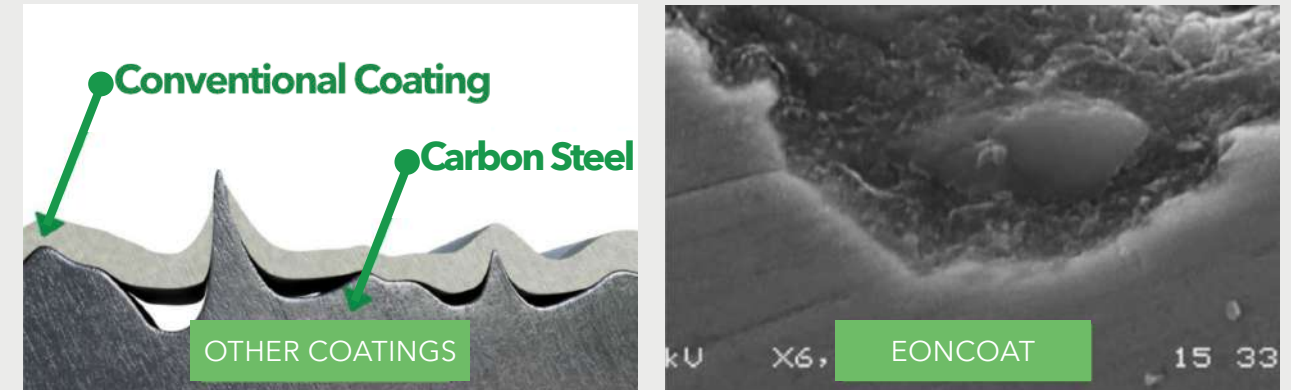
No Odor

No Toxins

Suitable for potable water tanks



Why EonCoat is better?



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



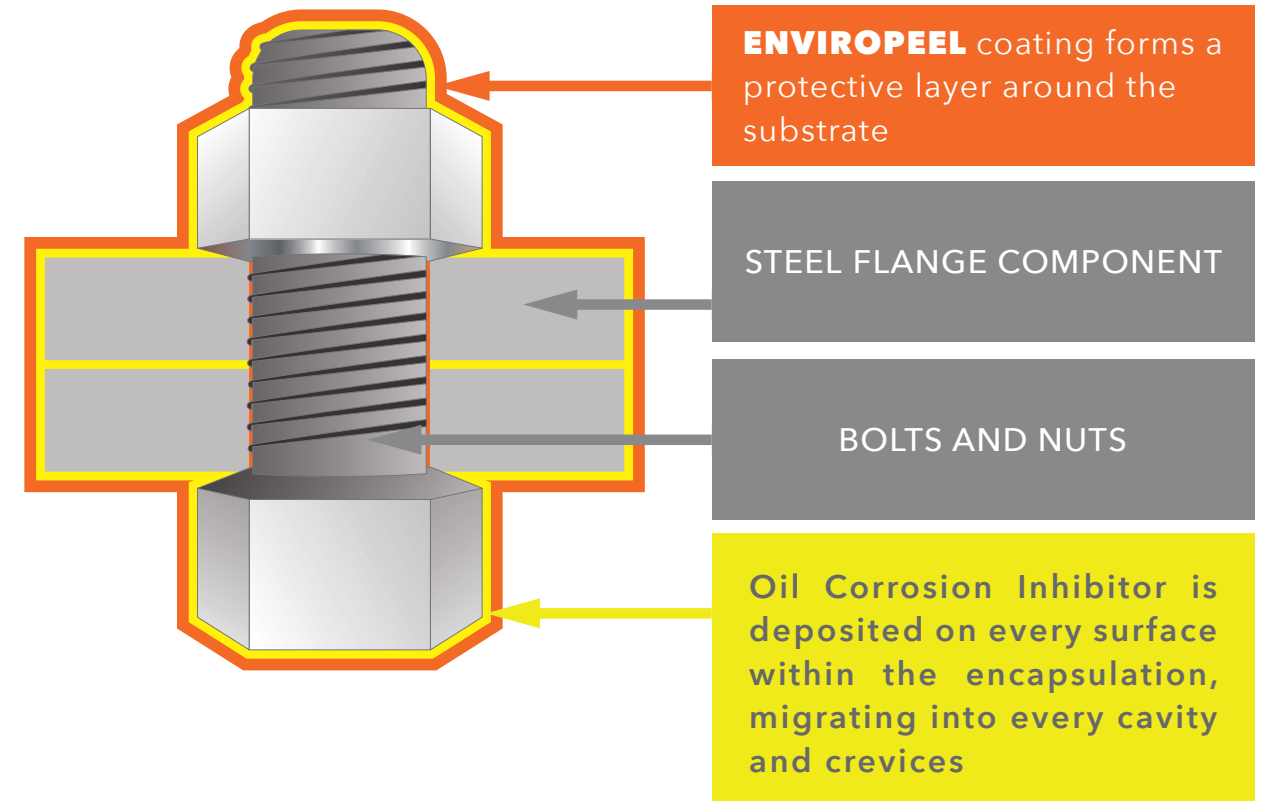
ASTM B117, 10,000 hours in a Hot Salt Fog Chamber
(Left, control sample) - (Right, Enviropeel protected sample)



Multiple flanges encapsulated using ENVIROPEEL

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**)



Corrosion Arrest and Protection Thermoplastic Encapsulation Coating



Active & Passive Protection

This guarantees the current corrosion will not propagate under the shell or generate any corrosion foci

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



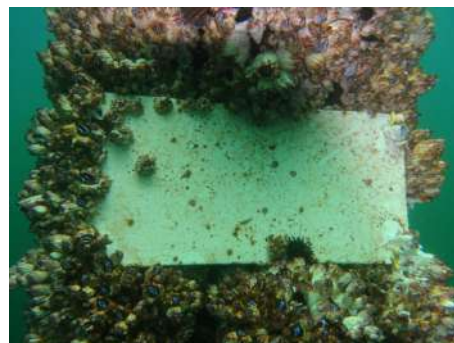
Underwater Coating Technology

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, Environmental Agency, has the RSW Dutch Government's approval, and tested by DNV (Simulated Ballast Tank)



'Performing flawlessly in severe service'

US NAVY REPORT

Where you can use **ALOCIT**

- Dry or Wet Surfaces (Splash-zone)
- Steel or Concrete
- Oily surfaces and Damp Surfaces
- Fresh or Salty Water
- Down to 2 Deg.C

Why you should use **ALOCIT**

- Hard wearing
- Easy to apply
- Resists MIC & ALWC
- Lasts up to 30 years

What industries are using **ALOCIT**

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



Underwater Coating Technology

Environmentally Friendly | Solvent Free | Corrosion Protection

Why Use ALOCIT?

- **DNV CLASS B1**
- **30 years** of performance in waster water treatment plant buffer tanks
- **100%** Solvent Free
- **100%** Solids
- **VOC Free**
- **Environmentally Friendly**
- Adhesion (**2371 Psi / 16 Mpa**) (applied underwater)
- Approved by **US Navy**

