



POLYUREA COATING

What is Polyurea?

Polyurea is a polymer formed by two components (isocyanine and a resin blend) that form a 100% solid, continuous, waterproof film with no detrimental effect to the environment. It is used to protect substrated from abrasion and corrosion.

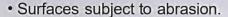
Polyurea is an extremely durable product due to its excellent mechanical and chemical properties. It is bacteriologically stable, extremely resistant to abrasion and has great tolerance to damage caused by acid and alkaline solutions and hydrocarbon- based products (oil and grease, among others).

Fields of application:

- Protection for concrete, steel and wood.
- Protection against wear and abrasion.
- Protection against corrosion and chemicals.
- Anti-corrosive protection.

Waterproofing and coating of surfaces such as:

- · Interiors and exteriors of steel and concrete ponds.
- Tunnels (coating or waterproofing).
- Primary and secondary containment of fluids (parapets).
- · Paving, foundations and ducts in industrial buildings.
- · Ponds and tanks in general.
- · Pools in industrial processes.
- · Reservoirs, viaducts, irrigation canals.
- · Bridge pillars and decks.
- · Waterproofing of roofs for industrial warehouses.
- · Underground stations (ceiling, floor).
- · Sealing of joints (prefabricated elements)
- · Bonding of walls, floors and expansion joints.
- · Cellars and refrigeration tunnels.
- · Vehicles, boats, industrial parts.
- · Repair of concrete and substrates in general.





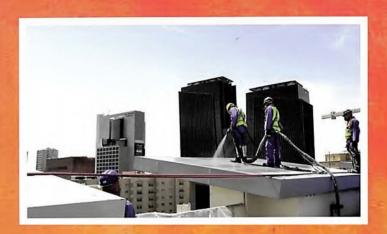






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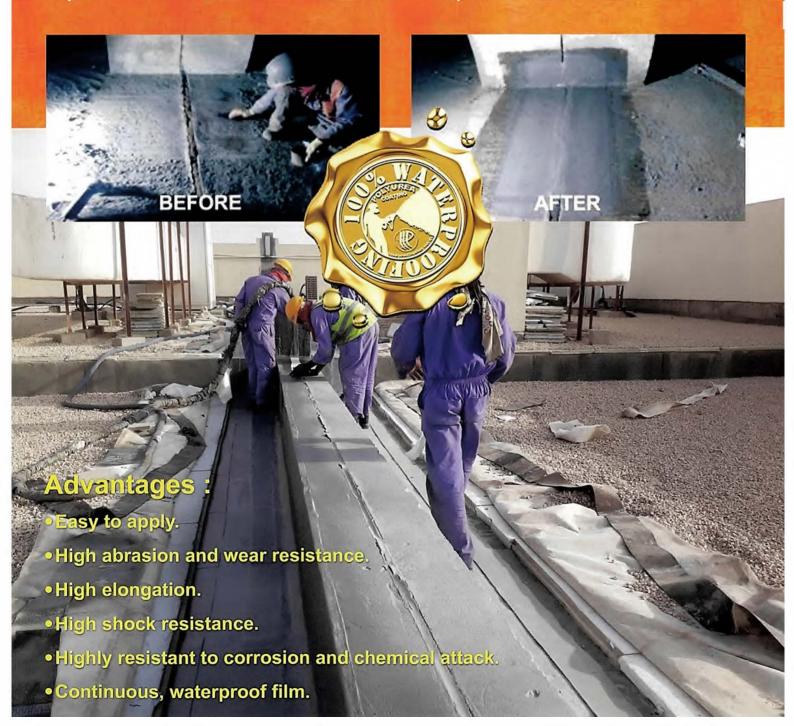




EXPANSION JOINT TREATMENT

After proper waterproofing why does the roof leaks? It is noted that most of the roofs leaks because of the sealant of Expansion Joints gets deteriorated when exposed to UV rays and detaches from one side of the concrete resulting seepage. HITECH PROJECTS W.L.L has introduced successfully a methodology which gives 100% waterproof solution for the construction industry by Hot Spray application of POLYUREA. Polyurea having 400 to 600% elongation property, water proofing with Polyurea becomes inevitable in future construction industry.







EXPANSION JOINT TREATMENT



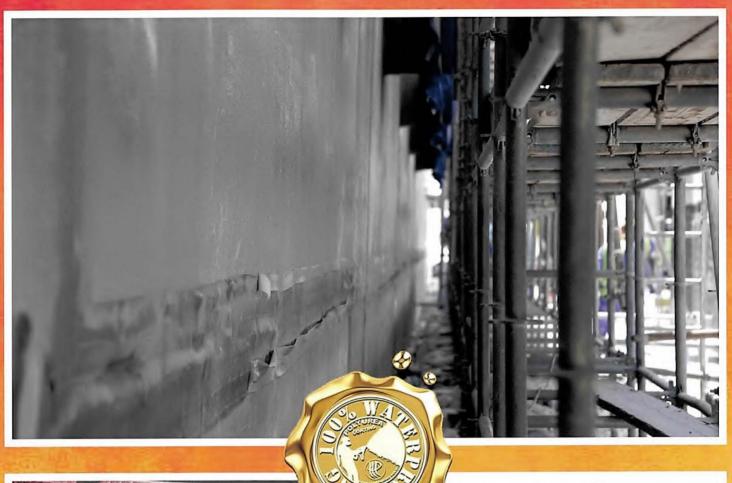




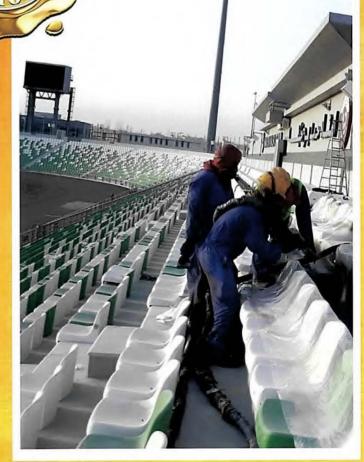




EXPANSION JOINT TREATMENT







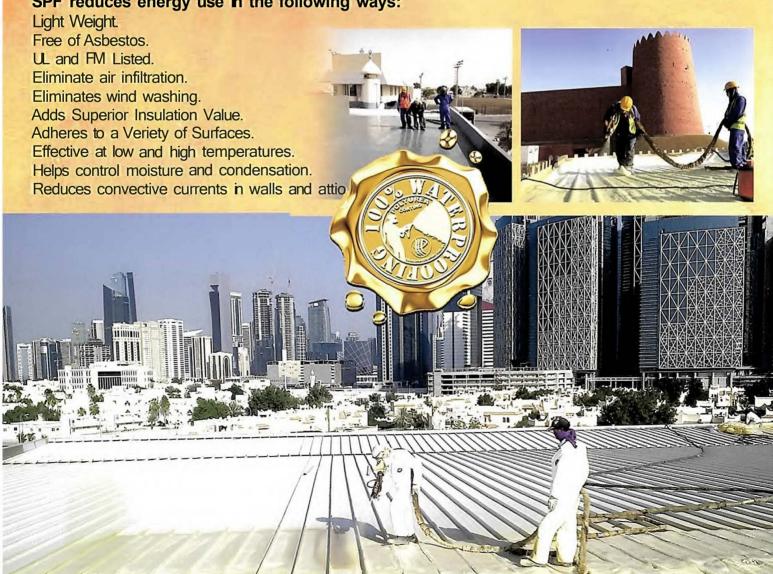


mono-lithic roof surface.

The Polyurethane Foam dries within seconds after applied to the roof's surface. Its' expansion results in a weather tight roofing membrane that is fully adhered to the substrate. Because polyurethane is lightweight, it adds little additional weight to the structure roofing; spray polyurethane foam insulates and eliminates thermal bridging through fasteners or gaps in decking while providing a long-lasting roofing system that has a life that can be extended by re-coating or recovering in an average of > 10 - 15 years.

As a result spray polyurethane foam is used in a wide variety of applications including, but is not limited to: Roofing-Air barriers

SPF reduces energy use in the following ways:





ROOF POLYUREA COATING





OUR TEAM & OUR RIGS





CRACK INJECTION



Foundations and other cement structures will often crack as a result of settling, soil pressure, water damage, drying shrinkage, thermal movement, or other causes. As most homeowners know, basement wall fractures are common and a facr of life. Most fractures are minor and cause few problems. How-ever, other fractures can grow over time and cause structural integrity, or, more commonly, water leak-age. If the fracture is large or growing over time, simple injection techniques are not an appropriate or lasting fix. Under these circumstances, appropriate needs to stabilize the fracture, i.e., prevent it from expanding and getting larger. To accomplish this, reinforcement and stabilization is required.

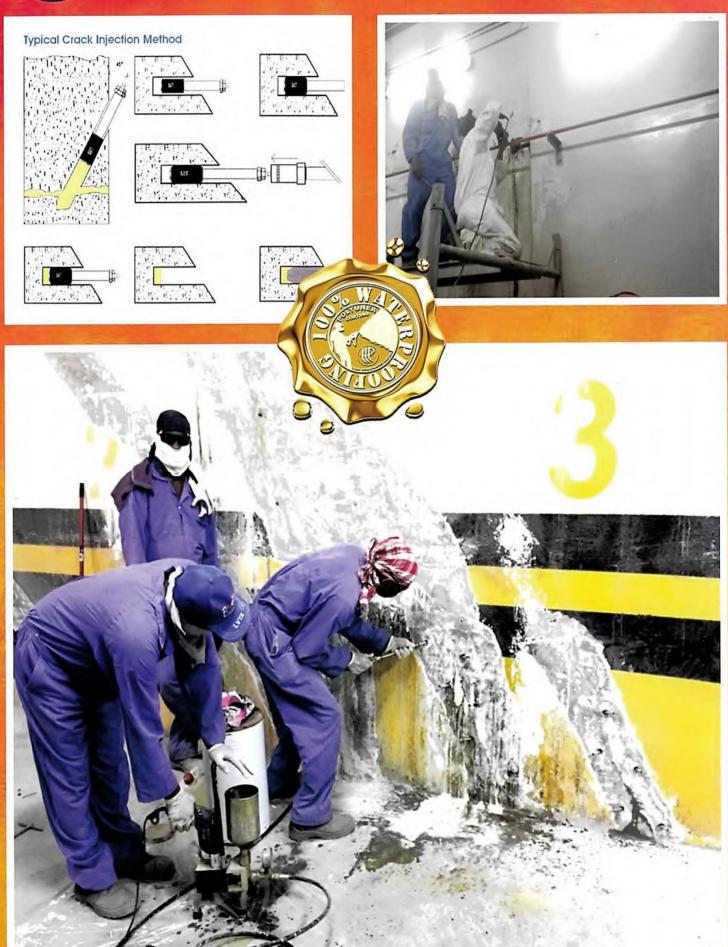
Hitech Projects Trading & Contracting W.L.L. offers crack injection with 'Rigid PU Foam' & Flexible PU Foam depending the nature of cracks along with Spray Polyurethane Foam or Polyurea Hot Spray Coating.

A combination of PU Injection with Polyurea is highly recommended and have proven track





CRACK INJECTION





GLO PROTEK RUST CONVERTER

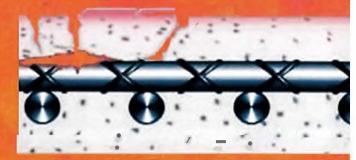
Glo-Protek Rust Converter is a world leading supplier of corrosion resistant products specializing in high performance coatings, linings.











The Sequence of Rust Stabilization

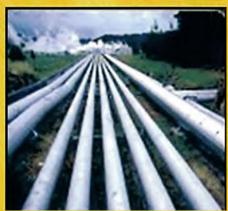
- NO SANDBLASTING REQUIRED
- FORE RETARDANT
- NON-TOXIC
- EASY TO APPLY
- WATER BASED
- TURNS RUST INTO A COATING
- TOP COAT POSSIBLE

Apply GPRC with a brush, a roller, by dip method or simply by spraying on. Apply two uniform coats of GPRC at 30 to 60 minutes inter-val and allow it to dry to get minimum OFT of 35/60 micron. GPRC is light pink or light grey when applied. Complete protection is achieved within minutes when a blackish to brown protec-tive film is formed on the metal surface. Where the rust is more it appears more brownish and where the rust is less it appears more blackish. Now apply appropriate top coat. GPRC accepts all types of top coats.











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HITECH PROJECTS TRADING & CONTRACTING W.L.L.

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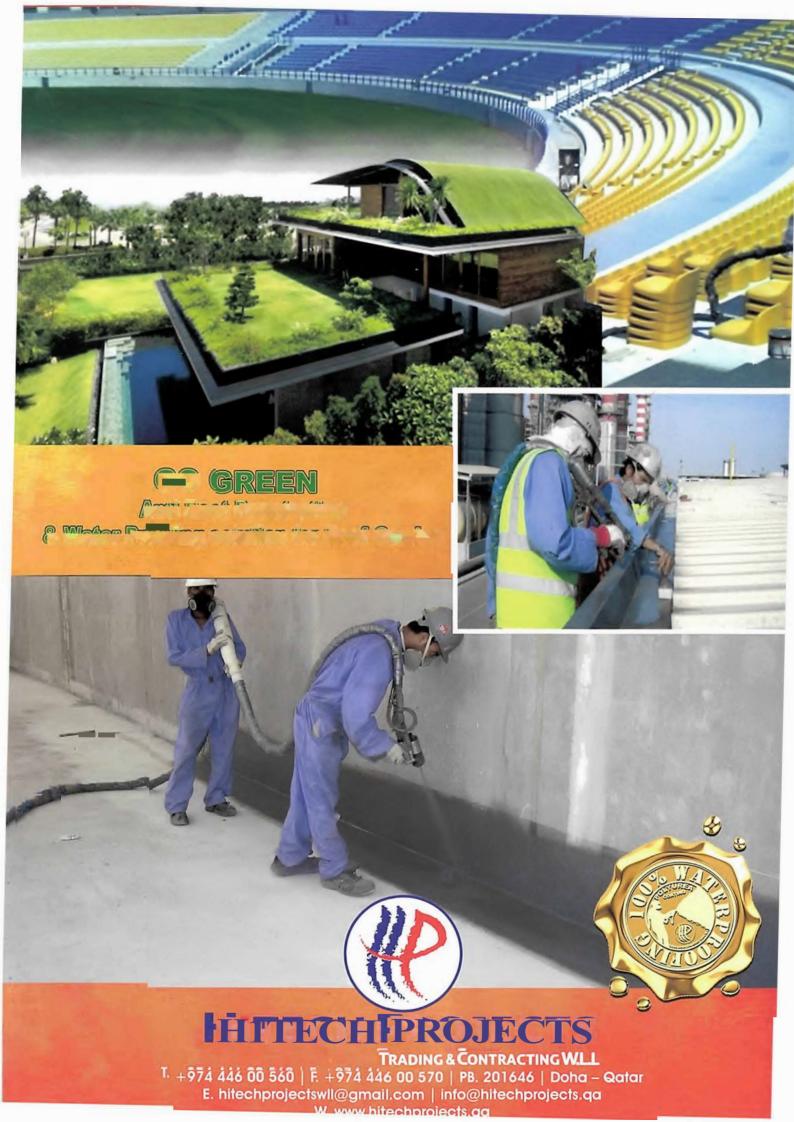












HIMALAYAN SALT A HEALTHY NATURAL GIFT

Now Available in **QATAR**



WE BUILD SALT CAVES, SALT ROOMS, MARKETING BATH SALT, SALT LAMPS, SALT CHUNKS, ROCK SALTS AND SALT INHALERS.



SALT LAMP Known as "Vitamins of The Air", the Salt Crystal lamp is Nature's best Ioniser which provides multiple health benefits including enhancing immunity, improving sleep and relieving migraines. The most purest of salt in the world was formed many millions of years and found deep in the foothills of the Himalayan mountains. Crafty artists, hand carves and shapes the salt crystals that are used in the making of the Himalayan Salt Crystal lamps.

Salt lamps are ideal for daily use near televisions and computers, around smokers, in offices with air-conditioning, in fact anywhere you want to restore or preserve the natural air quality. Himalayan Salt Lamps are a beautiful and natural alternative to artificial ionisers.

A heated salt crystal lamp will attract water molecules from the air, forming a NaCl and H20 solution. Sodium is a positive ion, and Chloride, a negative ion. Hydrogen has a two part negative charge and Oxygen is a positively charged ion. This negative ion seeks out the first positive ion like a dust, or bacteria particle and zaps it. This is the process of positive ion reduction and is how our Himalayan Salt Lamps work.



At the office

By your computer.

During massage and meditation.

In smoky places.

In your study.

In children's bedroom.

Anywhere you want the air quality to be improved or preserved.

Anywhere you want to create a calm and relaxing environment.







BATH SALT Himalayan pink bath salt is a sheer ocean of energy and a wonderfully natural salt therapy. Bioenergetics deficits become balanced and weak links become strengthened, reactivating your body's electric current. The organs' functions start to resonate with the natural frequency patterns of the minerals in the bath salts. This activates the regulatory mechanism of the body and its self-healing powers. In contrast to a normal bath, in which moisture is extracted from the skin, a sole bath allows salt to be stored in the upper callused layer of the skin and binds water. This maintains the natural, protective film of the skin and the skin does not dry out. This is the reason why sole baths are good for dry skin as well. The cleansing effects of a 30-minute sole bath equal that of a three-day fast. The toxins are released into the bath water through osmosis, while the minerals from the sole are absorbed through the skin. This reduces the acidic levels in our body and balances the pH factor of our skin. Besides, as you soak in the salty water, you can receive added benefits to your respiratory system through salt inhalation as the atmosphere is charged with the ionized minerals

Bathing-throw in the tub for a detoxifying Himalayan salt bath. The replenishing nutrients stimulate circulation and soothe sore muscles. Naturally rich in 80+ nourishing and skin-replenishing minerals, bathing with pink bath salt is a healing and therapeutic experience for mind and body.

'Bathing in pink bath salts for 15-30 min. feels the same as fasting for 3 days'

Benefits: Promote relaxation Promote better sleep Relieve water retention Soothe sore muscles Balance skin Increase circulation Accelerate wound healing





SALT CAVE Salt Cave Therapy is a drug free treatment that reproduces the natural micro climate of a salt cave by dispersing saline aerosol in high concentrations in a halo chamber whose surfaces are covered with layers of salt. The dry salt aerosol in the room plays an important role in the relief of health problems and is a highly effective therapy for treating people with respiratory problems and skin conditions without any known side effects. See why our Himalayan salt cave therapy is unique.

Within the salt room (or Himalayan salt cave) a salt vaporiser is used to pump dry aerosol Himalayan salt vapour into the air. As the Himalayan salt is inhaled, it travels through the sinuses and respiratory tract absorbing moisture, cleaning, clearing mucus and killing bacteria.

Himalayan salt has long been known for its anti-inflammatory and anti-bacterial properties as well as helping to loosen mucus build up and phlegm; help with asthma treatment and bronchial conditions. Studies have shown that people with chronic upper respiratory conditions, seasonal allergies, sinusitis, bronchitis and skin disorders can derive significant benefits from salt therapy. Actually, just about anyone can benefit from salt therapy.



Benefits:

Asthma treatments

Seasonal allergies

Bronchitis and tonsillitis

Sinus infections and sinusitis

Emphysema

Cystic Fibrosis

Whooping Cough

Ear Infection

Stress

Boosting the immune systevm







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