

PursaLex™

Specializing in Liquid Conversion Technologies

PURSA  VA™

1483 Rollins Road | Burlingame, CA 94010 | 650.342.8880 | www.pursanova.com

An Answer to Today's **Water** Problems As Nature Intends

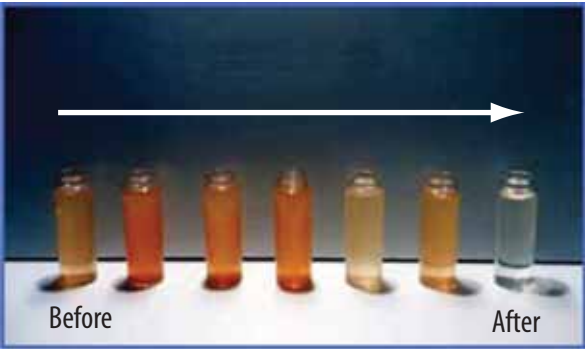


WATER

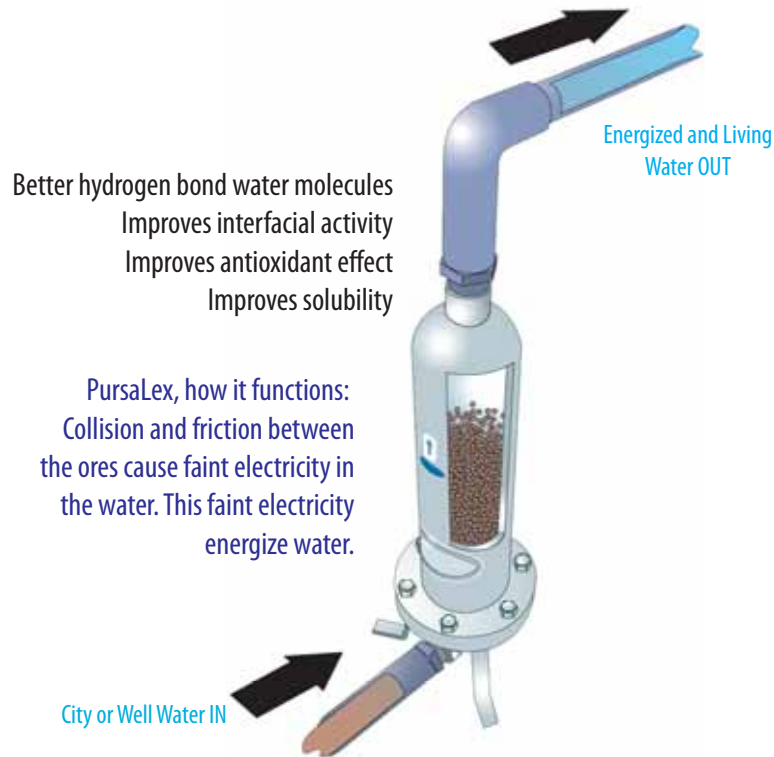




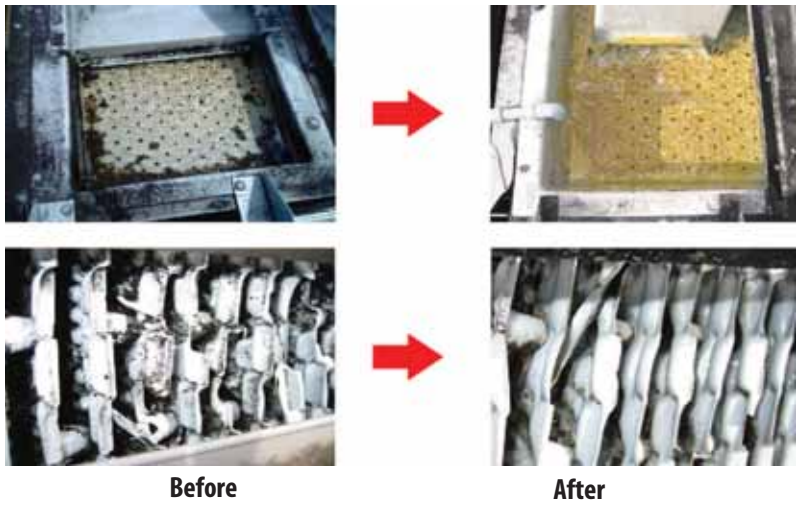
Pursalex ceramic ores are 2 to 3 mm, hard as crystal - characterizes the scratch resistance. We grind natural rock to a 5 micron powder to create balls and then Sinter at 1200 degrees centigrade. It has 0% water absorbency with density of 2.6 and the surface is glass like



An experiment to see the rust concentration in the water:
The water was tested every month. Rust detaches and decreases over time. Before installation, rust was 14.2mg/liter After installation, rust decreased to 3.2mg/liter.



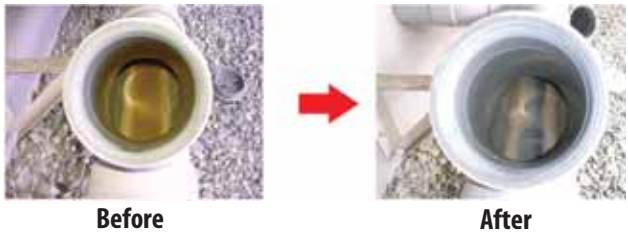
Pursalex, how it functions:
Collision and friction between the ores cause faint electricity in the water. This faint electricity energize water.



Cooling Tower: Algae, silica, calcium and slime adhered to cooling tower ceiling and filling improved. Test period was 5 months

“Are you ready to change how you use water, save money, and help the planet, too?”

Scale removal in the water pipe



A drainage water pipe in a large apartment complex (100 unites). A clear difference is seen after 10 months of installation.

Calcification removal



Tested at a train station restroom : 5000 users per day.
Picture taken at men’s restroom in a train station.
Pursanova water permeated urinary calcification and flushed them away.

The Pursalex system and its product, Pursanova Water, bring countless benefits to the consumer:

Scale Removal:
Pursanova’s Pursalex system creates a more powerful molecular structure which removes even the hardest scale deposits such as calcium. Scales are loosened through osmotic pressure. Pursanova water’s energizing power helps lower surface tension and triggers a detergent-like effect throughout the entire water system.

Rust Removal:
The Pursalex system produces an oxidation reduction reaction. This process removes rust by converting iron oxide to iron ions and oxygen while producing an oxidized film (Fe3O4) that inhibits rust formation. As oxidation and reduction occur at the same time, rust will grow at a rapid rate but still its growth is outpaced by the speed of rust removal by the Pursanova water.

Cleansing Effects:
Because of the greater surface tension of Pursanova water produced by the Pursalex system, there is less need for detergents or other chemical cleansing agents.

Deodorizing Effects:
Activated Pursanova water controls the formation and growth of micro-organisms. Normally, the decomposition of micro-organisms causes unpleasant odors when exposed to oxygen. The Pursalex system eliminates foul odors in industrial kitchen sinks, toilets, and swimming pools by creating a barrier between oxygen and odor causing molecules.

Pursanova Water’s Commercial Benefits:
Pursanova water is effective in preserving purity, freshness, fragrance, and taste in fruits and vegetables. Food, coffee, tea, and beverages prepared with Pursanova water taste better. Pursanova removes scale and slime from sinks and drains and inhibits the growth of micro-organisms which cause unpleasant odors.

Pursanova water’s extra softening effect makes dirt and stains easier to remove from all kinds of clothes. Using Pursanova water, the amount of detergent normally needed is reduced significantly.

In hospitals, public, and private clinics Pursanova water eliminates scale build-up in system piping and the generation of micro-organisms producing unpleasant odors. Pursanova water helps maintain the highest operational standards for health care facilities.

Pursanova Water’s Industrial Benefits:
Pursanova is a peak performer in hot water applications! It removes existing scale and totally eliminates rust. It achieves long-term heat efficiency at the desired performance level. It makes for more economical and efficient maintenance of **heating and Cooling Tower equipment**. It ensures longer life of materials that come in contact with the water. It eliminates the need for traditional water softeners and chemicals that can have a corrosive effect on the life of materials. With Pursanova equipment life is extended producing maintenance savings and equipment replacement costs.

Pursanova provides a longer life for boilers. Without Pursanova water scale formation in boilers create an operational problems.

Installing a Pursalex system to provide Pursanova water in a car wash operation can help maintain the equipment in good condition and return significant savings in detergent additives. Scale does not adhere to water piping or other equipment. Activated Pursanova water can dissolve the clogging that usually occurs in car wash nozzles.

Using Pursanova water in printing plant operations eliminates the need for chemicals to produce cleaner water. Reduced surface tension allows for a more effective combining of ink and water on paper. Image quality are improved and savings in chemical costs realized.

PARTIAL LIST OF PURSALEX INSTALLED LOCATIONS:

- Japan Railway (JR) West Bullet Train (installed at all vehicle)
- Japan Highway (JH) installed at 380 locations
- JR Kyushu JR Kurosaki station installed at 98 locations
- Ministry of Land, Infrastructure and Transport;
- Fukuoka government buildings
- Miyazaki construction office
- Tokyo Chiyoda-ku Elementary school
- Osaka transportation authority (subway station)
- Fukuoka Day care center
- Nagasaki Green office
- Toyama public park
- Teito Rapid Transit Authority
- Kansai Denryoku
- Miyazaki Airport Terminal building
- Apartment complex
- Personal home use over 840,000 installation
- Installed at Dentist offices: over 10,000 installation
- Artificail dialysis 176 locations
- Toyota coating facility
- Nissan Kyushu factory
- P&G Akashi Factory
- Showa aluminum can factory
- Japan Pigment Inc
- Toyo Seibo Inc
- Fujikoshi Inc
- Sumitomo Denko (Osaka)
- Royal Host (Family restaurant chain)
- Skylark (family restaurant chain)
- Red Lobster Japan Inc
- Donq (Bread chain)