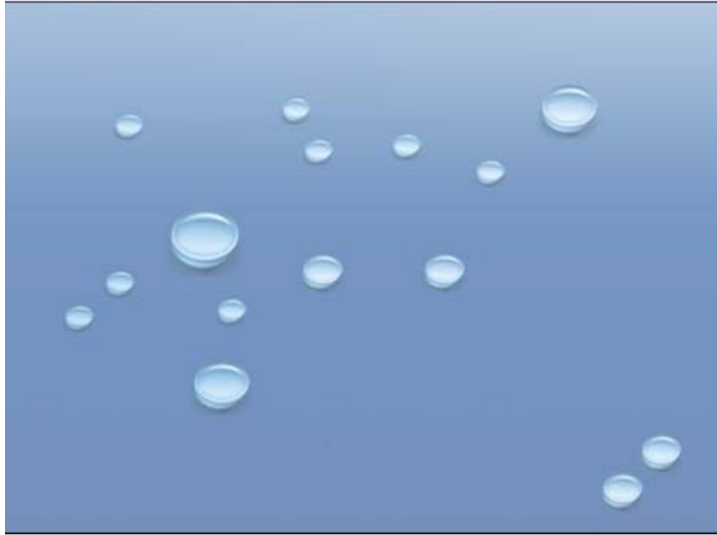


IRON COMBAT



- **Spheres**
- **Dosed by dispensers**
- **Protect**
- **Water systems**
- **Against scale**
- **Corrosion**

**The economical way to protect water systems
against scale iron and corrosion**

Protects water systems in hotels , public buildings , private households and industry against scale formation and corrosion.

Prevents “ brown ” water and clogged pipes

Saves expensive repairs or even replacement of water pipes , boilers , heaters , cooling systems etc.

Help to save energy

Extends the life of your water installation.

What is IRON COMBAT ?

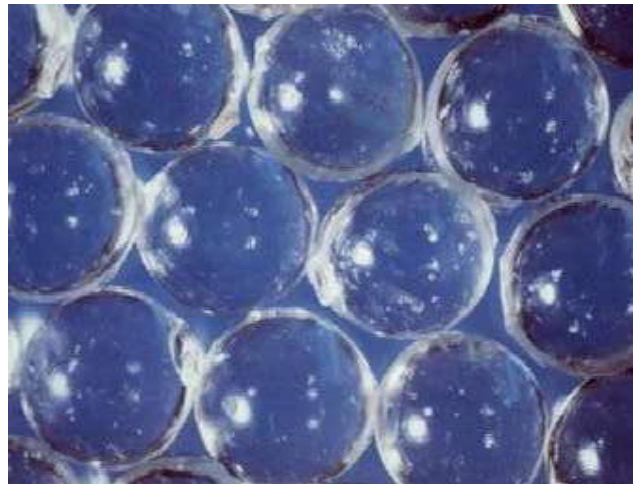
IRON COMBAT is an economic and reliable water treatment system for **potable** and **industrial** water. It consists of glass-like polyphosphate silicate spheres and dispensers of variable size.

IRON COMBAT prevents scale and stops corrosion . It utilizes the phenomenon that minute concentrations of polyphosphate are sufficient to inhibit the deposition of scale onto metallic surfaces. Because of its polyphosphate silicate content IRON COMBAT also inhibits corrosion by forming a thin protective layer on the metal surface. IRON COMBAT concentration of 2-3 ppm is sufficient to achieve both of these effects .

IRON COMBAT will also slowly remove existing scale in old pipes if it consists of brown scale , i.e ironoxide .

Hard scale , i.e. calcium carbonate cannot so easily be remove by IRON COMBAT. Here the

advantage is again that IRON COMBAT will prevent further scaling up.



IRON COMBAT – spheres

Experience show that scale and corrosion is not only found in galvanized pipes but also in copper pipes . Even in plastic pipes one can find scale and deposits.

As a rule of thumb one can say that 1 mm scale on the heating coils of boiler , increase the energy cost by 15 %

IRON COMBAT consists of 100 % active substance. The components of IRON COMBAT comply with FAO / WHO standards.

IRON COMBAT Dispensers

IRON COMBAT dispensers can be installed in almost every water system. They require no electric installation and hardly any maintenance.

IRON COMBAT Dispenser should be refilled when 1/3 the content is used up , normally only

after appr. 3-6 months , this depends on the individual installation.

IRON COMBAT



Copper pipe with scale plug



Galvanized pipe heavily scaled



Galvanized pipe heavily corroded



IRON COMBAT protective layer

IRON COMBAT



IRON COMBAT Dispensers

Dose Iron Combat remove hardness and iron from water ?

No, it is known as a sequestering agent.

That is, it "ties up" hardness and renders it harmless. It prevents the formation of brown water caused by oxidation of the iron pipes.

Is this compound dangerous or harmful to use ?

No. All components used in IRON COMBAT are 100% pure food grade materials.



Dispensers Installation

How much of IRON COMBAT should be used ?

The installation being protected must get 3-5 g IRON COMBAT, that is 2-3 g P_2O_5 in every cubic metre (220 UK gallons) of water.



Cha – Am Peerapat Chemical Co.,Ltd.

118 Moo 4 Soi Watsuansanti , Tumbon
Tabkang , Amphor Kaoyoy , Petchaburi
76140 Thailand

Tel. (66)3256-1676 Fax. (66)3243-9230