

DINAFLOW SI-3 F

Hardness stabilizer and silicate removal agent for industrial water treatment

USE:

DINAFLOW SI-3 F is an anti-scaling agent that effectively prevents limescale and silicate precipitation in treated water. Can be used in industrial water systems.

Yellow, translucent, liquid.

According to the measurements of the silicone anti-abrasion properties of the agent, it works efficiently to 240 ppm of silicate concentration, which is above its water quality depends on its effectiveness.

OPERATING PRINCIPLE:

Because of the change in environmental conditions (temperature, pressure) in reverse osmosis systems and in industrial water systems, the solubility of some minerals decreases, so the substances present in the dissolved form precipitate out of the solution and precipitate on the contact surfaces.

In membrane separation processes, this causes a significant problem, as the exclusions reduce the membrane permeability. These deposits are often not removed by chemical treatment. DinaFlow SI-3 F prevents the formation of particles in the treated water, thus protecting the membrane and the associated surfaces from limescale and silicone excretion and increases their service life.

ADVANTAGES:

- Prevents silicate, calcium carbonate, calcium sulphate, barium sulphate and strontium sulphate from being effectively prevented.
- Protects the surface of equipment and water pipes by preventing particle formation.
- Effective in a wide pH range.
- Good tolerance to aluminum and iron oxides.

APPLICATION, DOSAGE

- Diluted or without dilution. Dilution is recommended with a maximum of 10% RO water or soft water.
- The chemical is added to the raw water before the static mixer before any pre-treatment device or equipment.
- Dosing is carried out continuously with a proportional chemical feed pump. (eg NAVIDOS)
- Dosage amount: 3-6 mg / l (maximum amount 10 mg / l).
- Dosing can be checked by monitoring the chemical consumption.

PACKAGING:

20 kg-returnable can

Store in a cool place protected from frost and sunlight.

