

## HIDROTREAT-4

### ANTISCALANT FOR PREVENTION OF SCALING IN MEMBRANE SEPARATION SYSTEMS

#### DESCRIPTION

HIDROTREAT-4 is a highly effective formulated antiscalant liquid. It is developed to prevent and control carbonate and other scale formations within membrane separation systems.

The solubility of minerals decreases in reverse osmosis and membrane separation systems due to the molecular filtration without using of the appropriate antiscalant products these mineral formulations destroy the conditions of filtration by scaling on the surface of the membrane and resulting significant capacity reduction within short time.

#### ADVANTAGES

- Effectively controls scales including calcium carbonate up to LSI +2.50, calcium sulphate, barium sulphate, and strontium sulphate, too.
- **Use of this product provides extended membrane life and reduces operational and investment costs.**
- Maintains cleaner membrane surface by dispersing particulate foulants
- Compatible with all of the leading RO membranes
- **Shows good result** in all membrane separation systems, **reverse osmosis, nano-filtration and ultrafiltration systems** as well.
- May be fed neat or diluted
- Compatible with feed waters that contain aluminium-, iron oxides
- **According to certification it can be used in potable water production (ANSI/UL standard 60 certification)**

#### PACKAGING INFORMATION

**Packaging: 25 kg, 200 kg, 1000 kg**

#### USAGE AND DOSING

HIDROTREAT-4 is dosed directly prior to the RO/NF system to assure the maximum efficiency. Dosing has to be continuous, setting is based on the results of the feed water analysis.

## **GUARANTEE**

Guarantee is valid for continuous quality and quantity requirements of delivered products. Product is effective only under certain circumstances which ones have to be ensured by operators. The plant circumstances, the composition of the feed water, and other technological parameters can cause such conditions which cannot be handled by the described product. In this case we can offer you another Hidrofilt product. If you have any question please call us, our colleagues will help you to find the best solution!

### **HIDROFILT Vízkezelést Tervező és Kivitelező Kft.**

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