

FASTOP-IS



Sanitary system

DESCRIPTION:

It is a self-sealing liquid to stop water leaks in drinkable water pipelines or those for home use (e.g. hot water). Leaks can reach 25 litres a day. Leaks caused by corrosion, cracks and defective brazing points can be sealed on galvanized, copper, steel and synthetic material pipes. FASTOP-IS crystallize on contact with external air. The leak is mechanically sealed. Sealings made by FASTOP-IS are long-lasting and non-ageing. Materials contained in FASTOP-IS can be used in the food industry and are included in the positive list "synthetic material in the food industry and trade" of the Hygiene Institute of Gelsenkirchen-Germany. How the self-sealing liquid works: the principle of the self-sealing liquids derives from nature and works like blood that crystallizes on the skin on contact with air thus "self-sealing" our wounds. FASTOP-IS self-sealing liquid contains selected cellulose fibres that deposit with a filtering effect on the leak decreasing the flowing speed. This allows the chemical compounds to crystallize externally hardening definitively with time.

INSTRUCTIONS FOR USE:

- 1. Preliminary phase.** Close and empty the defective pipeline. Collect water and measure it to know how much product is needed. Close the valve under the sink, as well as taps and fittings; if necessary remove them completely. The pipe can also be plugged with a plug. Remove any inspection shafts, nets, filters and meters. Plug the feeding pipe to dishwashers and washing machines. Rinse the installation well and use ZINCONEX in case of limestone deposits. **Warning:** immediately remove FASTOP-IS from any object (tiles, sinks, bath tubs, etc.) with clean water to prevent it from crystallization. Indeed, it will be no more possible to remove such crystallization.
- 2. Operating time.** Bring the pressure of the net to be sealed to about 5 - 7 bars using the special pump. FASTOP-IS must come out of the leak to be able to crystallize outside the pipeline. In very wet environments FASTOP-IS needs a minimum of 24 hours at hot temperature, while at ambient temperature it needs up to 2 - 3 days. In case of pipes with tight external sheaths, which do not allow air to penetrate, sealing can not be always performed (e.g. coated copper pipe with a leak on the coating sizing). After sealing, drain and collect FASTOP-IS, rinse the water network and check its tightness. Set the network at work again. Disconnect the hot water boiler before sealing operations. Wash the working tools carefully after sealing. The collected product can be reused several times. If used at the recommended ratio FASTOP-IS is not harmful (not edible). Immediately remove FASTOP-IS on the objects (tiles, sinks, bath tubs); otherwise a non-removable crystallization occurs.

Disposal: if well diluted the product can be discharged in the sewer.

Mixture ratio: product ready to use: FASTOP-IS collected can be reused. The product is not soluble with other chemicals. Heat-proof. Resistant to pressure.

Expiration date: 5 years from the production date. Protect from frost.

Transport: This product is not considered as dangerous according to the transport regulations. Recommendations given are based on our present experience.



CHEMICAL AND PHYSICAL PROPERTIES:

Physical state

Odour

Color

Density @ 20 °C

Water solubility

pH

fluid

odourless

blue / light blue

1,35 g/cm³

Soluble

about 11 (10 % ig)



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