

## KORING FE 2600 *Passivation Fluid*

### **General:**

KORING FE 2600 is almost colourless fluid, with a characteristic, slightly sweet odor. It is used as a rinse aid with anti-corrosion passivation effect on ferrous metals and galvanized surfaces. A treated surface is protected against corrosion in the short to medium-term. It is especially suitable for inter-operational protection. At the same time, it has the ability to dissolve and decompose some synthetic oils.

It is possible to use KORING FE 2600 for tunnel (continuous) washing machines and also for bath discontinuous (batch) washing machines. It is applied by immersion, spraying, but it can also be applied by hand. The concentrate must be diluted with water before use. The working temperature of the diluted agent is from 5 to 60 °C. at temperatures above 60 °C, the product is depleted faster.

### **Methods of Application:**

Before use, the product must be diluted in a suitable ratio with water. If water and concentrate are dosed separately into the washing line on some devices, the correct dilution is checked by the titration method. Titration determination instructions are available upon request. The concentration can also be checked by measuring the pH.

Depending on the quality of the input water used for dilution, the pH should be in the range 9-10,5. The water used for dilution can be taken from the water supply system, but the best results and the longevity of the product are achieved when diluted with distilled or demineralized water. Some types of tap water can reduce the effectiveness and durability of the product and leave stains where surface quality matters.

In order to reduce the consumption of the product, it is advisable to blow the treated products with air after the passivation rinsing to pull the bath drops back. At the end of passivation, it is recommended to rinse the products with clean water and dry them.

Depending on the type of equipment used, previous contamination and dilution water, a passivation reaction time of about 15 seconds is usually required at 60 degrees. At lower temperatures, the times increase up to a few minutes.

### **Warning:**

KORING FE 2600 is irritating. Therefore, we protect our hands with gloves, our eyes with safety goggles and our bodies with suitable work clothes. If swallowed, do not induce vomiting, drink plenty of clean water and seek medical advice. In case of contact with the eye, wash it with clean water and seek medical advice.

The product is not suitable for washing copper and its alloys. The passivation reaction may change the colour.

An operational test must be performed before being used in a production process where it has not been used.

Although it is a solution, some of its components have a higher specific gravity, so they sediment during long-term storage. It is not recognizable to the eye. Therefore, the concentrate must always be mixed before use and dilution.

### **Advantages:**

- the agent is biodegradable
- wide range of use

### **Packaging:**

The concentrate is supplied in 25 l, 50 l plastic barrels, in 200 l barrels and in 1 m<sup>3</sup> IBC containers. It is possible to deliver in another package after agreement with the customer.

### **Storage Life:**

We store it in plastic containers. Storage temperature is 5-40 °C.

### **Expiration:**

12 months from the date of shipment in a sealed package.