

# ULTRASONIC-53

## IRON PICKLIN

ULTRASONIC-53 is a hot pickling completely free of amines, highly reagent and superior to conventional alkaline pickling

It has unique properties for pickling synthetic c r resins in short periods of time, primers, baked paints, water paints including cataphoresis and anaphoresis paints.

The solutions of ULTRASONIC-53 work between 80 ° - 90 ° C, resulting in a saving of 20,000 kcal. Per m<sup>3</sup> of bath in energy relative to the caustic solutions (which require constant energy tips capable of providing 110 ° -120 ° C).

This non-original pickling system do not causes formation of vapors, as is often used to be on other hot products.

### DOSE AND WAY OF USE

ULTRASONIC-53 is used in combination with water in a proportion of 40% at temperature between 85 ° - 90 ° C.

This temperature must not be exceeded, as there is risk of decomposition of some of the components and formation of vapors. It should not be used to remove metallic powder and zinc powder paints.

### BATH CONTROL:

Sample analysis: 5 ml bath.

Dilution: 50 ml distilled water.

Indicator: Phenolphthalein(alcohol sol.1%)

Reagent: sulfuric acid sol. 1 normal (H<sub>2</sub>SO<sub>4</sub> 1N).

Turn: From pink to original color before phenolphthalein.

Concentration factor: 2.6

Consumption 50% 19,2 ml of sulfuric acid 1N.

vol.: cc H<sub>2</sub>SO<sub>4</sub> 1N consumed x 2.6 =% ULTRASONIC-53

Calculation: for every point less and 1000 liter of bath, must too be added