

FEATURES

Kemphos S2 is a phosphodegreaser for prepaint treatments of steel, aluminium, zinc, copper and his alloys.

Kemphos S2 is a liquid product with a quickly solubility in water.

The dosage of the product is possible with manual method or with automatic dosing equipments.

In **Kemphos S2** there are particulary raw materials that in one step remove soil and produce a strong thin layer of amorphous iron phosphate.

This amorphous layer improves corrosion resistance and provides a valid support to following painting.

The substantial increases in paint life results from the fact that the coating provides:

- 1) A clean, soil free surface.
- 2) A corrosion-inhibiting base for paint.
- 3) A non conducting bond between the base metal and the paint.

Kemphos S2 have good performance at low temperature (30°-50°C).

The keep of solution at the right working title it is enough to use the analysis kit.

PHYSICL-CHEMICAL PROPERTIES

Phycal state	: liquid, clear.
Color	: low yellow.
pH (sol. 1%)	: 2,0.
Spec. grav.(at 20°C)	: 1,240 ± 0,05

APPLICATION CONDITIONS

Concentration:	10-25 gr/lt
Temperature:	40°50°C
Time spray:	1-3 minutes
pH solution:	4-5

TESTING METHOD

Pipette 5 ml of solution, add 20 ml of distilled water, add 2-3 drops Phenolphthalein indicator and titrate with NaOH 0,1 N to the development a permanent pink colour.

$$\text{gr/lt Kemphos S2} = \text{ml NaOH} \times 6,2$$

In a working day is necessary to make leastwise 1 or 2 check of the working conditions.

