

# PARKERIZING GROUP

## PALLUCID

The next generation surface treatment as an alternative Iron Phosphate and Zinc Phosphate Technologies

“Superior phosphate alternative technology with excellent corrosion resistance and paint adhesion”.



### Benefit to the customers

- 1 Reduction of environmental load
- 2 Various application and high quality
- 3 Total cost reduction

### About PALLUCID

#### 1 No Phosphorous, Nickel and Manganese containing. Reduction amount of heavy metals comparison with the Zinc Phosphate

Environmental friendly pre-treatment system and to meet severe waste water regulations

●Nickel ●Manganese	0%	●Phosphate	0%
●Nitrate	Approx. 60%	●Fluoride	Approx. 50%

\*Comparison data in case of zinc phosphate is 100%

#### 2 Reduction of sludge generation to achieve less than 1/10 of that for Zinc phosphate

Since sludge as industrial waste can be greatly reduced, saving of cost and environmental load

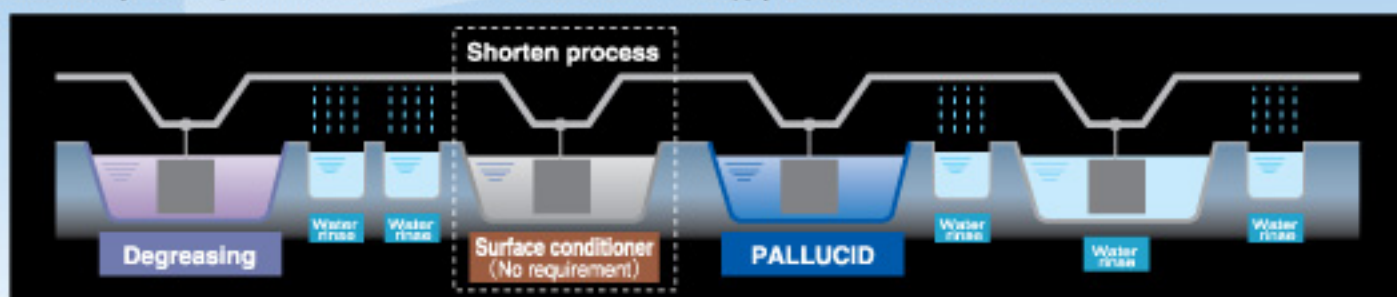
Zinc phosphate PALLUCID 2000



\* Although the sludge generation is achieved less than 1/10 against zinc phosphate system, processing bath appearance gets cloudy due to floating Iron hydroxide. By using Nihon Parkerizing's sludge removal equipment, turbidity of the bath can be resolved.

#### 3 Shorten process length can be achieved due to no requirement of surface conditioner process

Simultaneously, as no requirement of surface conditioner chemical and water supply. Effluent cost reduction can be achieved.



NIHON PARKERIZING CO.,LTD.  
THAI PARKERIZING CO.,LTD.