



PT. SINAR CEMARAMAS ABADI

- VERCOPPER (ACID / CYANIDE COPPER)
- VERNICKEL
- VERCHROME
- VERZINC ACID / CYANIDE ZINC
- CLEANER (ELEKTRO / SOAK)
- PHOSPHATING
- CHROMATING
- ELECTROLESS NICKEL

- FOR HIGHTECT ELECTROPLATING :**
- ELECTROLESS NICKEL PLATING FOR ALUMINIUM AND ZINC DIE CAST, MAGNESIUM
 - GOLD PLATING • GLISS – COAT
 - PTFE FORELECTROLESS NICKEL
 - HARDCHROM LUBRICATION OF ALL KIND OF FRICTION PAIRINGS
 - SAND CAST ALUMINIUM ALLOYS PLATING
 - MAGOXID – COAT FOR PROTECTING FROM MAGNESIUM SUBSTRATES

- KEPLA – COATING FOR ALUMINIUM AND TITANIUM ALLOYS
 - ELECTROLESS NICKEL PLATING WITH INTEGRATED SILICON CARBIDE PARTICLES (SIC)
- A CLEAN SOLID FILM LUBRICATION FOR A MAINTENANCE FREE PERMANENT
- SEPA – COAT (ANTI ADHESIVE COATING AND ACTIVATOR) FOR THE REMOVAL OF PART MOULDS

DEGREASER HR 16

For Zinc Die Cast and Aluminium Parts

Properties	Powder which is easily water soluble, weakly alkaline and free Cyanide
Required chemicals	Degreasing Salt HR 16
Suitability	for cleaning of Zinc die cast prior to copper plating and of Aluminium parts prior to Zincate or stannate pickling.
Tank	SM steel unprotected or hard rubber lined, satinless steel
Heating	Immersion heater of steel or stainless steel
Application	as soak-or electrolytic cleaning, especially suitable prior to our finishing processes.
Bath make-up	6 – 10 kg Degreaser HR 16 per 100 litre degreasing bath.
Working temperature	30° C
Voltage	6 – 8 V
Current Density	2 – 3 A/dm ²
Bath agitation	circulation is recommended
Immersion time	For soak cleaning 10 min. For electrolytic cleaning 1 – 3 min
Anodes	steel plate
Bath control	regular analytic control is required
Replenishment	with degreaser HR 16 as per analysis, possibly addition of Wetting Agent Metinol.
Exhaustor	Not required
Waste water	all waste water must be treated as law requires before Being admitted to the public canalization.

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