



OPAL & JADE
Alkaline and acid
zinc-nickel process

HIGHEST

STANDARDS

The chemistry is right here.
Beautiful surfaces.

PROSEAL / SURFASEAL

PASSIVATION SYSTEMS FOR FUNCTIONAL LAYERS

Our PROSEAL series is a specially developed passivation system for the finishing of zinc and zinc alloy layers, which meets the highest standards.

By means of post treatment with our SURFASEAL sealing agents the corrosion protection is considerably improved.

The adjustment of the coefficients of friction is also possible.

Read more about
[www.kiesow.co.uk/products/
passivations/](http://www.kiesow.co.uk/products/passivations/)





ZINC-NICKEL

Our processes are convincing due to very good covering power with a homogeneous nickel incorporation rate of 12 - 15 % within the whole current density range.

The zinc-nickel layers can be provided unproblematically with transparent, blue and black passivation.

OPAL – ALKALINE ZINC-NICKEL

OPAL 5000

- Optimal for barrel application
- Outstanding throwing power
- Impressive efficiency
- Robust and resistant
- Low brightener consumption
- Simple and operationally reliable handling

OPAL 7000

- Optimal for rack application
- Proper metal distribution even in the case of demanding components
- High burning resistance
- Light and appealing deposits
- Good deformability

Read more about
[www.kiesow.co.uk/products/
electroplating-processes/](http://www.kiesow.co.uk/products/electroplating-processes/)





JADE – ACID ZINC-NICKEL

JADE 1000

- For rack and barrel application
- Good seeding on cast metal and hardened materials
- Homogeneous nickel incorporation distribution in a wide current density range
- Very good throwing and covering power
- Low foaming with air agitation
- Ammonium-free system



As an international group of companies, we have been developing, producing and selling polishing agents, polishing wheels and polishing rings, industrial cleaning products (degreasers), process baths for electrolytic metal deposition and post-treatment systems (passivations/TOP coats) for more than 100 years.

We also supply phosphatings for pre-treatment prior to powder coating. Furthermore, we are also known as a trading company for basic chemicals, anodes and accessories.

We are the only system supplier to offer processes from polishing to final coating (sealers). Our products stand for decorative, functional and sophisticated finishes.

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