

Passivation

SLOTOPAS ZNB 60

Passivation SLOTOPAS ZNB 60 is used for passivation of electro deposited zinc-nickel alloy coatings. On zinc-nickel coatings it produces a blue, **Cr(VI)-free** passivation layer with a good corrosion protection. This colouration is especially useful if plated parts should be marked.

The Passivation SLOTOPAS ZNB 60 contains Cr(III) compounds and is free from **Cr(VI)**, **cobalt** and **fluoride**.

The requirements of DIN 50979 on corrosion resistance of the layer systems are met with and without previous heat ageing (24 h / 120 °C) for rack as well as for barrel parts.

For further improvement of the corrosion resistance, a sealant or topcoat can be applied. We recommend the products of our SLOTOFIN series.

The information in this data sheet is based on laboratory as well as practical experience. Figures quoted for operating limits and replenishment quantities are for guidance. Actual values necessary will depend on the components being plated (material and geometry), their application and plating plant conditions.

Important:

Please read this instructions carefully prior to the use of the process and carefully follow all the parameters that have a direct influence on the operation. We reserve the right to make technical changes. In the interest of safety, please pay attention to the hazard warnings on the labels of the containers. The minimum shelf life of the products is included on the labels and is also available in the appropriate Quality Assurance (QA03).

The current IMDS number of the layer deposited from the process is available on the internet at www.schloetter.com/downloads.

For the storage of chemical products the TRGS 510 must be followed.

If the additives used in this process contain a SVHC-substance, then this will be specified in the corresponding Material Safety Data Sheet, section 15.

