

Passivation

SLOTOPAS ZNT 70

SLOTOPAS ZNT 70 is a passivating process for electro deposited zinc-nickel alloy layers. It produces on Zn-Ni alloy surfaces a transparent **Cr(VI)-free** protection layer with good corrosion protection. Studies confirm that the corrosion resistance according to DIN EN ISO 9227 with and without previous heat aging (24 h / 120 °C) is met.

Passivation SLOTOPAS ZNT 70 contains trivalent chrome compounds and is **free from Cr(VI) and fluorides**. The electrolyte is operated with one liquid additive only.

An additional sealant can improve the corrosion resistance. After the actual passivation, follows a post-treatment in a sealant 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 instruction 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.

