

# Bright Zinc

## SLOTANIT BSF 1660

Bright Zinc SLOTANIT BSF 1660 is a boric acid-free, weak acidic electrolyte for rack- and barrel plating. Very bright coatings with excellent bright throwing power and ductility in combination with the possibility of good passivating are remarkable features of this process. This process is also suitable for the plating of zinc die cast.

Depending on metal concentration, electrolyte temperature and chloride concentration, Bright Zinc SLOTANIT BSF 1660 can be operated with high current load. A disturbing cloud point, also at a high load of salt, isn't to be expected, so high operating temperatures of up to 40 °C especially in barrel applications are quite practicable without a disturbing decrease in the degree of brightness. Nevertheless, for rack application it's recommended to maintain the operating temperatures on < 35 °C in order to use the far better degree of brightness as well as the bright throwing power to full capacity.

By the respective passivating of our SLOTOPAS series, conversion layers with a high corrosion protection can be produced. For post-treatment products of our SLOTOFIN series are available.

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](http://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.**

