

Bright Zinc SLOTANIT OT 120

Bright Zinc SLOTANIT OT 120 is a weak acidic bright zinc electrolyte for rack plating. Due to its good starting behaviour it's particularly suitable for duplex coating of cast iron material. Even after a short treatment a completely closed zinc layer is formed, representing an optimal basis for subsequent coating in an alkaline zinc-nickel electrolyte.

Depending on metal concentration, operating temperature and chloride concentration, Bright Zinc SLOTANIT OT 120 may be operated in a high current density range. We recommend maintaining the operating temperature < 35 °C in order to minimize the additive consumption.

For subsequent coating we recommend electrolytes from our SLOTOLOY ZN series. For the post-treatment of the duplex-layer we offer the products of our SLOTOPAS- and 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.

