

Sealant SLOTOFIN 10

Sealant SLOTOFIN 10 is used for post-treatment of chromated or passivated zinc and zinc alloy surfaces.

If the solution is operated with Sealant Concentrate SLOTOFIN 11 only, a clear transparent, organic protecting layer is achieved after drying, which increase not only the corrosion protection but also improves the resistance towards fingerprints as well as the visual appearance. Sealing layer of blue chromated or passivated zinc layers respectively transparent chromated or passivated zinc alloy coatings with SLOTOFIN 10 results in a uniform transparent visual appearance. The iridescence of yellow chromated or passivated surfaces disappears and is giving way to a weak yellowish uniform colour.

The intensity of the colour and the visual appearance of black chromated- respectively passivated surfaces can be increased by adding Dye Concentrate SLOTOFIN 13 which contains black pigments. Furthermore, colour irregularities that may have occurred due to the black chromating or passivating process can be compensated.

We recommend sealing bulk articles outside the plating plant. The same is recommended for rack parts that are treated in Sealant SLOTOFIN 10 which is pigmented black with Dye Concentrate SLOTOFIN 13.

Sealant SLOTOFIN 10 can be applied wet-to-wet as well as on pre-dried parts. The drying temperature may not exceed 140 °C, as the coating becomes discoloured at high temperatures.

Coatings from racks or centrifuge baskets can be removed by a hot-soak degreaser combined with suitable degreasing additives. Therefore we recommend the products of our SLOTOCLEAN 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.
not be applied to storage.

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.

