

Passivation SLOTOPAS PC 1200

Passivation SLOTOPAS PC 1200 produces Cr(VI)-free passivation layers on electrodeposited zinc- and zinc alloy coatings with a alloy content of 0.2 - 0.4 % by weight iron. It can be operated at moderate operating temperatures 25 - 35 °C. Conversion layers deposited by immersion show a bluish-yellowish-greenish appearance on zinc surfaces.

In contrary to yellow chromated (Cr(VI) containing) zinc surfaces which lose their good corrosion protection already at a thermal load from 80 - 90 °C, the surfaces treated with Passivation SLOTOPAS PC 1200 doesn't show this effect. On the contrary, temperatures of approx. 100 °C improve the corrosion resistance.

Additional sealing with a product of our SLOTOFIN series gives a uniform transparent and attractive appearance of the surface finish with an additional increase of the corrosion protection. By the sealing the colouration of the component is significantly decreased.

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.

