

Yellow Passivation SLOTOPAS G 10

Yellow Passivation SLOTOPAS G 10 is a Cr(VI)-free passivating process for electroplated zinc coatings. Conversion layers deposited by immersing show on zinc surfaces a yellow-green appearance. The achievable corrosion resistance is excellent and by all means comparable with the protecting effect of a Cr(VI)-containing yellow chromating. Tests on serial parts confirm that the required corrosion resistance according to DIN 50979 is comfortably achieved respectively also significantly exceeded if the system is operated correctly.

Tempering of the protection layer up to temperatures of ≥ 80 °C does not affect the corrosion protection quality, compared to yellow chromated (Cr(VI) zinc surfaces. On the contrary, drying temperatures of up to 120 °C improve the corrosion protection.

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.

