

Thick Layer Passivation SLOTOPAS HK 20

The Thick Layer Passivation SLOTOPAS HK 20 is a chromium(VI) free passivating process for electrodeposited zinc and zinc-iron coatings with 0.3 - 0.6 % iron in the alloy. Conversion layers deposited by immersion show a weak bluish-yellowish-greenish appearance on zinc surfaces and an iridescent blue-green finish on zinc-iron alloy coatings.

The corrosion resistance is excellent and comparable with the protecting effect of a yellow chromating electrolyte based on Cr(VI).

Tempering of surfaces passivated in SLOTOPAS HK 20 up to temperatures of 80 - 90 °C doesn't affect the corrosion resistance quality, in contrast to yellow chromated (Cr(VI)) surfaces. On the contrary, temperatures of about 100 °C even 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.

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 these instructions carefully and follow recommendations given.

We reserve the right to make technical changes as necessary.

In the interests of safety, please pay attention to the R- and S- phrases on the drum label.

The shelf life of the additives is generally 18 months.

The date of production is taken from the first 3 figures of the batch number.

Figure 1 = year; figures 2-3 = month; figures 4-7 = batch number; (UK labels use a 4 digit year code).

For the storage of chemical products only the TRGS 514 and TRGS 515 Regulations must be followed. The Hazardous Goods Regulation (ADR/GGVS) are only valid for transportation and must not be applied to storage.

