

Thin Layer Passivation SLOTOPAS Z 20 Blue

IMDS ID No. 900924

Thin Layer Passivation SLOTOPAS Z 20 Blue contains **Cr(III)**, fluoride and an iron inhibitor but is **free of Cr(VI)**.

Thin Layer Passivation SLOTOPAS Z 20 Blue produces an intense blue-violet uniform **chromium(VI) free** finish on zinc deposits, providing excellent corrosion resistance. If the system is operated correctly the required corrosion resistance according to DIN 50961 is usually exceeded. Corrosion resistance is still excellent after tempering (24 h, 120°C). The colour of the finish does not degrade significantly during hydrogen de-embrittlement at 200°C - 210°C, but the corrosion resistance decreases. However, tests have proven that 2 - 3 hours of tempering at 150 °C does not affect the corrosion resistance.

Thin Layer Passivation SLOTOPAS Z 20 Blue contains an iron inhibitor. This prevents the build up of iron in the solution and increases its service life. For special applications e.g. the plating of steel tubes, Inhibitor SLOTOPAS ZB is added to inhibit the dissolution of iron even further and also increases the working life of the solution.

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.

