

**Lubsil S185****PRODUCT-NO.: 9185**

Glossy Sealer for Zinc- and Zinc-alloys

Features and Benefits

After application and drying, Lubsil S185 forms an almost invisible, transparent seal with excellent corrosion protection - particularly suitable for passivated zinc and zinc alloys. Black passivated surfaces experience a boost in appearance.

- ✓ Transparent coating
- ✓ Excellent adhesion to a wide variety of substrates
- ✓ No impairment of the material properties
- ✓ Economical consumption

Typical Applications

- ✓ Developed for coating and sealing zinc and zinc alloy substrates
- ✓ Compatible with all common passivations (blue, yellow, black, olive, etc.)
- ✓ Particularly efficient with Cr(VI)-free passivations

Application Remarks

- ✓ Lubsil S185 is supplied ready for use and can be diluted with demineralized water if necessary (10-100% make up concentration).
- ✓ Parts to be coated must be free of grease.
- ✓ For optimum film formation, it is recommended to preheat the parts to 30-50 °C.
- ✓ Typical application process: Dip-spin process with coating centrifuges, alternatively drum coating or rack application



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- ✓ After application, drying at 50-180 °C with hot air (e.g. chamber or continuous oven) is required.
- ✓ To avoid condensation, the parts should not be packaged until they have cooled down completely.

Technical Data

Property	Standard / Parameter	Unit	Comments
Look	Visually	—	Transparent liquid
Density	DIN 51757	g/cm ³	~ 1
Viscosity	DIN 53211 / 3 mm	s	23 – 33
Diluent	—	—	Water, de-ionized
pH	—	—	9,0 - 10,0
Packaging	—	—	20 kg jerry can, 200 kg drum, 600/1000 kg IBC
Shelf life (sealed)	—	Months	12
Temp range in use	—	°C	-40 bis +120
Coefficient of friction (typical)	μ	—	0,14 - 0,20

Additional notes

- ✓ The pH value of the solution should be checked regularly and always kept above 8.
- ✓ Avoid drag-in from previous process steps.
- ✓ Check the concentration of the bath regularly (exact instructions on request).

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- ✓ Avoid strong agitation, as foaming may occur. Suitable defoamer: Lubsil AF-L
- ✓ Protect from frost!

The values stated correspond to the current state of our knowledge. These are average values which may vary within the scope of normal manufacturing fluctuations. We reserve the right to make further technical developments. Due to the different possible applications and conditions, the information provided is merely indicative. We recommend suitability tests of the product before use.