



OKS 500 - Product Information

Fields of Application:

Dry lubrication with solid lubricants at low sliding speeds subject to high surface pressures and predetermined sliding paths, e.g. on slide rails, joints, guides, pivoting bearings and similar components in which movements occur from case to case. Long-term lubrication similar to self-lubricating bearing materials as wear protection for increased service life of sliding surfaces. Fully effective even after long standstills, no adhesion to dust or dirt.

OKS 500

MoS₂ Bonded Coating,
heat-curing

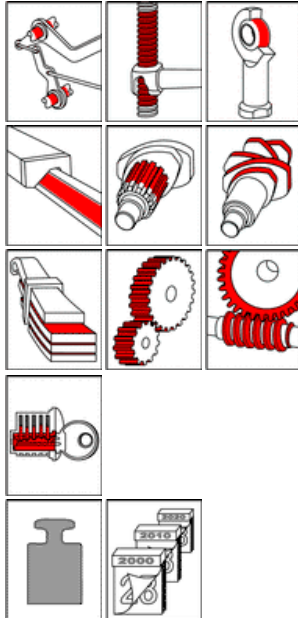
Advantages and Benefits:

Highly effective due to good adhesion to prepared substrates. Consistent coefficient of sliding friction under heavy loading of sliding film. Increased wear protection of sliding surfaces that can otherwise not be lubricated.

Application:

For best adhesion clean surfaces, best way is to clean mechanically first and then with OKS 2610 or OKS 2611 universal cleaner. The surfaces must be metallic bright and dry. Chemical or mechanical preparation of the surfaces might considerably improve the service life of the bonded coating. Stir well prior to use. The application preferably is effected by spraying or dipping, in single cases also by brushing a uniform thin film on to the prepared surfaces. Local excess should be avoided.

Drying and curing conditions acc. to the following technical data. For further questions please contact our technical department.



Additional Information:

Packaging (article number):

- 500 g Tin (00500031)
- 5 kg Hobbock (00500050)
- 25 kg Hobbock (00500062)

Version:

E-05.1/05

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OKS 500 MoS₂ Bonded Coating, heat-curing

Technical Data

	Norm	Conditions	Unit	Value
Solid Lubricants				
Type				MoS ₂ , Graphite
Binder				
Type				Epoxid resin
Solvents				
Type				Butylacetat
Flash point	DIN 51 755 (-2)	<65°C (<5°C)	°C	41
Film Layer				
Optimum layer thickness	DIN 50 981/50 984	DIN 50 982-2	µm	7 - 15
Application temperature			°C	Room temperature
Drying time			min	30
Curing time			°C	180
Surface coverage			m²/kg	10 - 20
Dilutor				on demand
Dilution				on demand
Application Data				
Density	DIN EN ISO 3838	+20°C	g/ml	1,1
Colour				black
Service Temperatures				
Minimum service temperature			°C	-70
Maximum service temperature			°C	250
Friction Values				
Press-fit-test	E DIN 51 833		µ	0,09, no chatter

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