



ZINTEK® (200 y 300 B)

Description

Coating with high reactivity that contains zinc and aluminium flakes. The fine particles inside a reactive mineral resin react with the steel substrate and provide a non-toxic metallic coating made of zinc and aluminium flakes.

The mix does not contain hazardous heavy metals (no Cr at all); it contains a small quantity of lubricant to reduce coefficient of friction (Zintek®200SL)

The minimum layer thickness of Zintek® coating depends of the characteristics to be given to the parts to be treated. In general, layer thickness varies between 4 and 6 microns. Final layer thickness can be between 8 and 12 microns



Corrosion resistance properties

Results in salt spray test acc. To ISO 9227 or ASTM B117 can be > 1000 h without red rust depending of the base coating and pre-treatment chosen

It is a sacrificial coating; its corrosion resistance can be enhanced with an organic top-coat (Techseal®) or an inorganic top-coat (Zintek Top®)

- Zintek® 200 has organic solvents, silver color and its content of zinc and aluminium flakes provides corrosion protection.
- Zintek® 300 B has organic solvents, black color and its content of zinc and aluminium provides corrosion protection.

Colour	Layer thickness	NSS
Silver	6-10µm	720 h RR
Black	6-10µm	720 h RR

Zintek® general properties

- No risk of hydrogen embrittlement
- It can be applied for high-strength fasteners (10.9 or above)
- Good cathodic corrosion protection with thin layers (8-12µm)
- Cr6-free (no Cr at all), non-toxic coating
In combination with top-coat layers Techseal® or Zintek Top®
- Enhanced corrosion resistance
- Coefficient of friction adjusted
- Available in several colours
- Increased resistance to scratch
- Very good chemical resistance
- It avoids galvanic corrosion



Parts coated with Zintek® 300 B black

THIS TREATMENT IS APPLIED DIRECTLY IN LINE OR IN COMBINATION WITH PREVIOUS AND SUBSEQUENT APPLICATIONS.

GALOL S.A. offers the possibility to reduce logistic costs between the different operations of manufacturing of the part.

Application technology

Dip-spinning

Spray

Standards and specs

- FIAT: 9.57513
- PSA: B15 3320
- GMW 3359, GME 00255
- RENAULT: 01-71-002/Q
- RENAULT 01.71.4002/H
- VW: TL180/ TL245
- NISSAN: NES M4601
- BMW: GS 90010
- BOSCH: 0 204 Y82 119
- BREMBO: BDS-11.22
- BROSE: 590295-105 Part 1
- CONTINENTAL: ATE N106 61.00
- DAIMLER: DBL8440/DBL 9440 /DBL 9460
- SCHNEIDER ELECTRIC: 115881701A06
- TRW: TS 2-25-060

GALOL S.A.

Camino de Montaverner, s/nº
E 46850 L'Olleria (Valencia)
Tel. 962 208 005
Http: www.galol.com
E-mail: galol@galol.com

