

Description

A one-component pure-zinc compound based on aromatic hydrocarbons in aerosol form. The dried film contains 96% pure zinc (to 99.995%) and 4% water-repellent organic binder.

Outstanding Characteristics

- Zinga provides excellent cathodic protection to steel.
- Non-toxic and non-carcinogenic, Zinga does not contain toluene, xylene, benzene, methyl-ethyl-ketone or methyl chloride.
- Zinga can be applied over damp and mildly rusting steel surfaces.
- Zinga has a non-slip surface and an anti-fouling action.
- Physical damage to a section of Zinga coating does not lead to the failure of the whole coating. The damaged area will continue to repair itself.
- Steel that is coated with Zinga can be welded without risk of porosity within the welded joints.
- Zinga coatings can be maintained indefinitely without ever having to re-blast the structure. The coating can be “re-loaded” every few years in very corrosive environments.
- Zinga adheres extremely well to steel substrates and will never flake, peel, bubble, blister, crack, discolour any top-coats or de-laminate if applied correctly.

Typical Uses

Zinga can be used on its own as an alternative to hot-dip galvanising and thermal metallisation. It can also be used as a primer under compatible epoxies, vinyls, polyurethanes, tars and most water based paints. Another common use of Zinga is to repair old or worn galvanizing. Zingaspray is a convenient means of touch-up for small areas of surface damage.

Approvals and Certificates

- BBA Certificate – British Board of Agrément No. 94/3042 (Second Issue).
- Certified to BS 476 parts 6&7. Class “O” material for the propagation and surface spread of flame.
- Certified to BS 6920. Approved for use in contact with potable water.
- NATO Codification: 8030-13-11-7027. NATO Supplier Card: B 1483.
- US Military Codification: MIL-P-26915A.

Physical Data

Finish	Matt
Colour	Grey (zinc)
Substrate	Blast cleaned steel
Components	1
Curing mechanism	Water and air
Propellant	Butane
Volume Solids	37.8%
Weight of Solids	80%
Wet film thickness	70µm
Dry film thickness	20µm
Specific Gravity	2.67 g/cm ³
Viscosity	18 secs DIN Ford 4
<i>Theoretical Coverage:</i>	
Spraying	5m ² /aerosol @ 20µm
<i>Drying Times @ 20°C:</i>	
Touch Dry	15-20 mins
Dry for exposure to rain	20 mins
To overcoat with Zinga	1 hr
To overcoat with Epoxy	24 hrs
To immerse in concrete	48 hrs
Flash Point	47°C
Heat Resistance	160°C
Minimum application temp.	-15°C
Minimum working temp.	-40°C
Thinner	N/A
Cleaner	Zingasolv/Gunwash
Application methods	Aerosol
Pot life	N/A
Shelf life	Unlimited

Packing size:

Aerosols 700g per can (500ml)

Storage

Zingaspray cans should always be stored at room temperature on their side, away from direct sun light and sources of ignition.