

AQUAZINGA



AquaZinga is a two-pack, 100% water-based anti-corrosion system.

3.25m²
coverage per kg
at 50-60µm
DFT

It is based on inorganic zinc silicates and, with its high zinc content (92% in the dry film), it provides cathodic protection to ferrous metals.

AquaZinga is highly resistant to abrasion and is designed to withstand corrosive environments and severe conditions, including high temperatures (up to 600°C).

As a stand-alone system, it can be used as an alternative to hot-dip galvanising and metallisation. It can also be used as a primer under high-heat paints.

Typical uses for AquaZinga include ballast tanks, turbine exhausts and high-heat pipelines.

AquaZinga

- Works in constant temperatures up to 600°C.
- Is highly resistant to abrasion.
- Is highly resistant to steam and other hot gases.
- Is highly resistant to hydrocarbons.
- Offers high tolerance to thermal shock.
- Offers high tolerance to mechanical shock.
- Has a high level of conductivity.
- Has a Ph range of 5.5 to 12.5.
- Works in tandem with sacrificial anodes.
- Can be overcoated with a wide range of compatible

AquaZinga application guidelines

Unique system application

When used as a stand-alone system, AquaZinga should be applied in two layers to obtain a maximum thickness (DFT) of 80 µm.

Duplex system application

In the case of duplex system application, a single layer of 50 to 80 µm of AquaZinga should be used.

Prior to the application of a topcoat, the surface coated with AquaZinga should be free from zinc salts and other contaminants. A wide range of compatible sealers and topcoats can be applied to AquaZinga.

Technical Specification

Surface Preparation	Grit blast to SA2.5 –SA3 (Rz 50 –70µm)
Approx. Drying Times @15°C	
Touch Dry	15 mins
Dry to Handle	4 hours
Overcoat with AquaZinga	8 hours
Overcoat with Epoxy	8 hrs
Application Temp. Range	+5°C to +30°C
Application Humidity Range	60 – 80%
Substrate Temp.	>3°C above Dew Point
Shelf Life	12 months
Pot Life	6 hours
Packaging	Available in 5kg (3.5 powder, 1.5 binder) 10kg (7 powder, 3 binder) 25kg (17.5 powder, 7.5 binder)

Stripe coating application

Before the application of the first full layer of AquaZinga, it is recommended that a stripe coat of AquaZinga is applied to all sharp edges, nuts, bolts and weld areas using a brush.

Theoretical Coverage

At a thickness of 50- 60µm DFT - 3.25m²/Kg

Full product specification sheets are available to download at www.zinga-uk.com or from our office on **01243 770 726**.