

Zincifix® Anodes

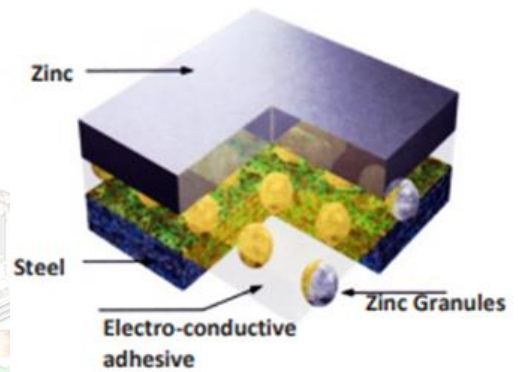
Zincifix® covers the surface of iron, steel, aluminum, and light metals to protect them from corrosion. This is achieved by cold working-pressing it on the surface that needs to be protected from corrosion forming a Laminar Zinc Coating.

The adhesive coat is applied only on one side of the Zincifix® consists of a matrix of electroconductive adhesive using zinc powder.

This advanced conductive adhesive creates an electrical connection between the protected structure and the Zinc Fa.

Zincifix®, allowing the zinc tape to act as the galvanic anode.

The unique process and high zinc purity used in manufacturing Zincifix® produces a homogeneous and isotropic not found in other protection systems. For this reason, any pitting and local corrosion is prevented.



Using Zincifix® has the following primary benefits:

- Stops any direct corrosion.
- Active, anticorrosive protection thanks to the electrical contact between the surface to be protected and the zinc layer, which, in the presence of an electrolyte, reacts as a sacrificial anode.
- An adhesive layer, anchored on the surface to be protected, which is an additional defense against corrosion.

Zincifix® assures our customers of active cathodic protection of any aboveground steel structures equal to or for longer than the required lifetime.

Zincifix® zinc coating applied to iron and steel surfaces can provide both passive and active protection:

- Passive protection like any protective coating due to the homogeneity and isotropy of the coating and adhesive.
- Active protection as the zinc in Zincifix® acts as a sacrificial anode whenever steel is exposed to the atmosphere.

Zincifix® consists of a high purity zinc-tape (> 99,95% zinc) with a nominal thickness of 0,08 mm. This tape is supplied with a 0,025 ÷ 0,40 mm thick adhesive and can continuously operate at temperatures of 80° C and which reacts under electro-conductive pressure. The adhesive layer is covered by a silicon coated paper, which protects the band from getting damaged or polluted until the tape is applied.



APPLICATIONS

Electrical transmission system infrastructure – transmission towers, poles and other structures

Transportation - Protection of vehicles and rolling stock, window borders, chassis, roofs and other areas where water can seep through.

Oil & Gas Pipes and aboveground pipes. Sea platforms, harbour structures, wharves, piers and off-shore platforms Above-ground apparatus and components of refineries.

Available in rolls of 50m length and 10mm to 300mm wide

