

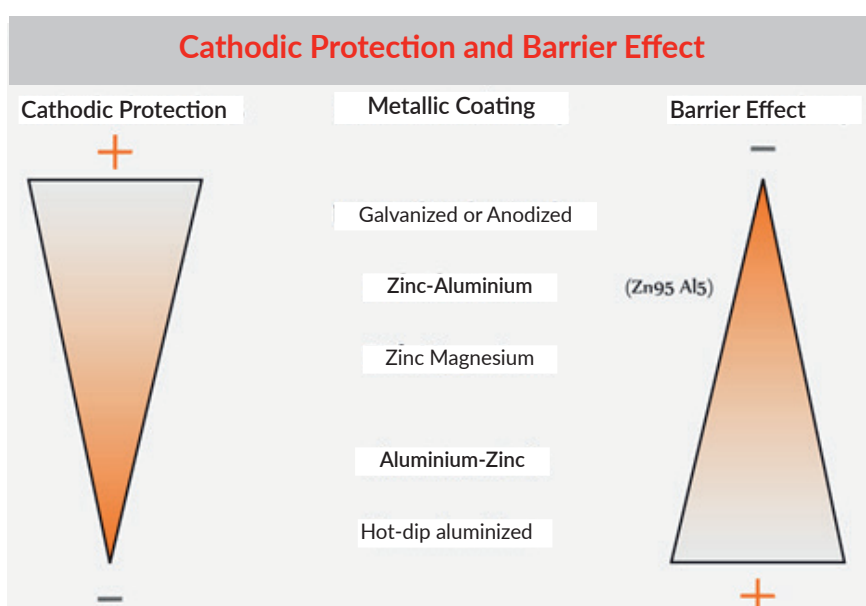
Corrosion resistance surface coating

The processing, assembly and use of gabions often causes damage to the metallic coating, which is why cathodic protection is extremely important. Galvanization has been a reliable corrosion protection method, economical and reliable solution for decades.

The principle: Zinc is a less base metal than steel and possesses thereby an active protective effect. In case of damage to the coating the adjacent zinc flows to the damaged area (known as long-term effect of zinc).

By means of applying a firmly adhering zinc-aluminium alloy (Zn 95% / Al 5%) on the steel, a good visual appearance with optimal corrosion protection and barrier effect is achieved.

Thus achieves a much longer durable corrosion protection compared to a pure galvanizing. A further increase of the aluminum portion > 5%, reduces the cathodic protection and the barrier effect is increased. Coatings with higher barrier effect have less cathodic effect. Pitting forms at the damaged areas, in long terms rust forms at the base material.



We only use wire with a premium-quality Zinc-Aluminium-coating (Zn95%, Al5%), with modified parameters as min. coating thickness acc. to DIN EN 10244-2 and a tensile strength of min. 450 N/mm². Corrosion-resistance 3.000h Salt spray testing - acc. to DIN EN ISO 9227-NSS.