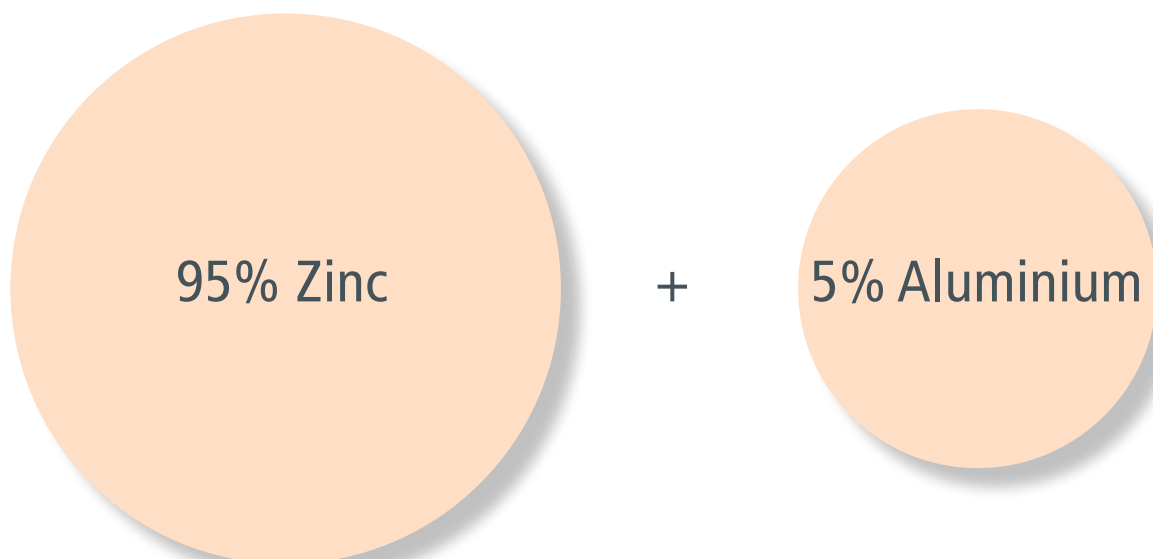


GALFAN® FINISH



The zinc 'actively' works as a sacrificial anode as it corrodes more quickly than steel and is consumed first, giving protection thanks to its layer of zinc oxide.

As it oxidises, the aluminium forms a graphite-coloured protective layer on the surface of the wire which inhibits the anodic reaction of the zinc and thus extends the life of the Galfan coating.

Applications

- Galfan coated wire to BS EN 10244-2:2009 class A
- Perfect concentricity which ensures uniform distribution of Galfan over the entire surface of the wire
- Excellent adhesion to the wire thanks to absence of hard, fragile Fe-Zn intermetallic layer between the steel core and the coating, which means that Galfan can be wound over its own diameter without flaking or cracking of the protective coating.
- Cathode protection comparable to that of hot galvanising for uncovered parts such as cut sections (self healing)
- End product service life up to 4 times longer than galvanised products
- Better quality / price ratio which enables Galfan to replace conventional galvanised wires and bring the end user qualitative and economic advantages.

Wire coating thickness measured in g/m²

Heavy Galvanised

Wire Diameter (mm)	Coating thickness (g/m ²)	Coating thickness (in microns)
EuroGuard Regular 5mm Ø	150	41 µ
EuroGuard Combi 5mm Ø	150	41 µ
EuroGuard Extra 5mm Ø	150	41 µ
Securi Mesh (358 mesh) 4mm Ø	275	41 µ

Galfan

Wire Diameter (mm)	Coating thickness (g/m ²)	Coating thickness (in microns)
EuroGuard Regular 5mm Ø	150	22 µ
EuroGuard Combi 5mm Ø	150	22 µ
EuroGuard Extra 5mm Ø	150	22 µ
Securi Mesh (358 mesh) 4mm Ø	275	22 µ