

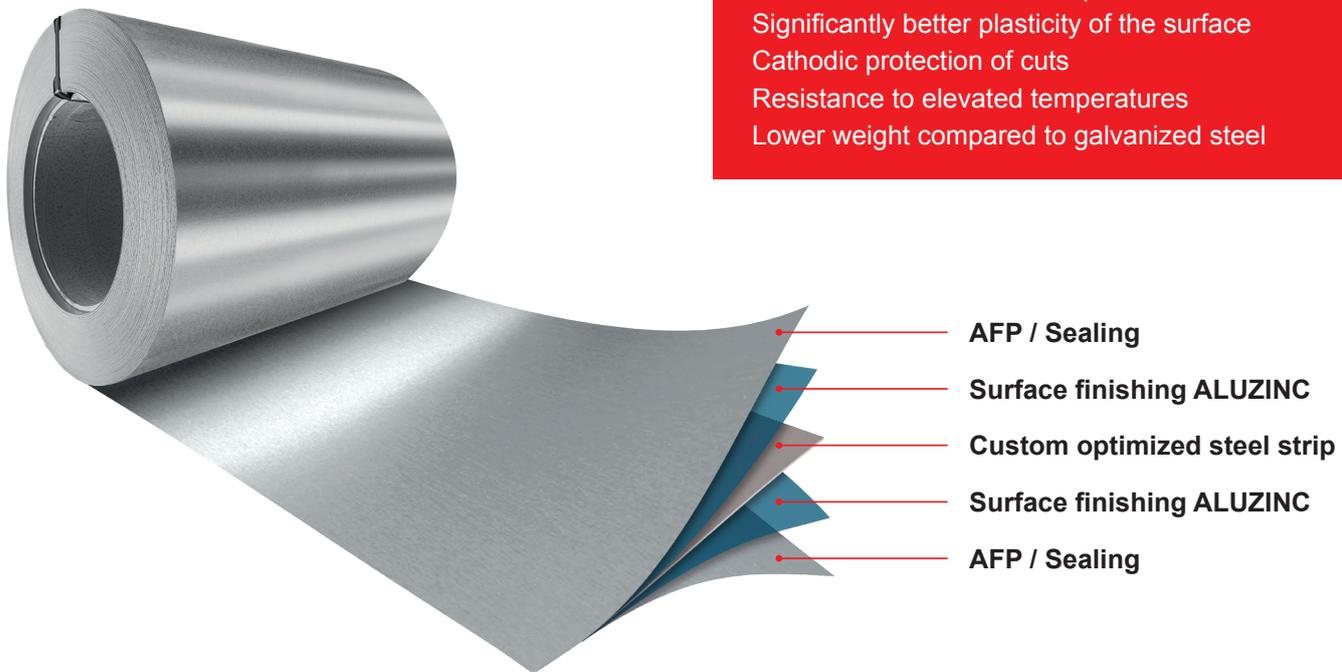
GENERAL INFORMATION

Aluzinc is a sheet coated with an aluminium-zinc alloy on both sides during hot-dip galvanizing, which is a process similar to zinc dipping. Aluzinc meets the highest requirements for the resistance of sheets against atmospheric corrosion and corrosion in wet environments. Percentage of individual components in the alloy: aluminium 55 %, zinc 43 % and silicium 1.6 %. This composition guarantees high resistance to corrosion due to the synergistic action of zinc cathodic protection and aluminium shielding effect.

The company KJG a.s. uses only Aluzinc with a surface area of 185 g/m² (product with a 25-year guarantee)

BENEFITS AND PROPERTIES

- Greater resistance to atmospheric corrosion
- Significantly better plasticity of the surface
- Cathodic protection of cuts
- Resistance to elevated temperatures
- Lower weight compared to galvanized steel



MATERIAL

Type and weight of the metallic coating on both sides	Aluzinc 185 [g/m ²]
Chemical composition of the Aluzinc coating	55 % Al, 43,4 % Zn, 1,6 % Si
Application system	1-layer
Thickness of AFP coating/ Sealing	2-5 [µm]
Environmental classification according to EN ISO 12944-2	C4
Reaction to fire	A1
Behaviour in outdoor fires	in compliance without FROOF testing
Thickness	0,50 mm
Guarantee	25 years