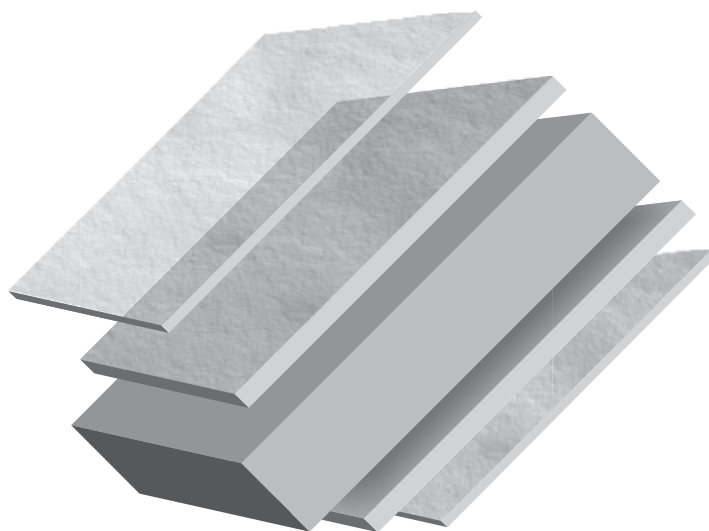






Product data card

Aluzinc



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 NIP 676-243-17-30
REGON 121387287

General Information



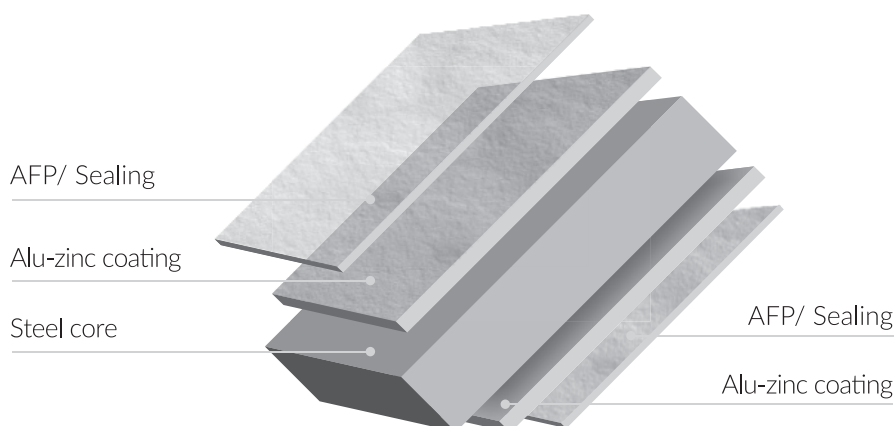
Aluzinc is a sheet metal coated on both sides with an alloy of aluminium and zinc, in the process of hot galvanization similar to the process of hot-dip galvanizing. The percentage share of individual alloy components in the following proportions: aluminium 55%, zinc 43.4% and silicon 1.6%, allows to achieve high corrosion resistance through synergic action of zinc cathodic protection and the shielding effect of aluminium.

Blachotrapez uses Aluzinc with a weight of 185 g/m² in its production (product with a 25-year warranty).

Advantages and properties

The roofing sheet produced using this technology means:

- 2-6 times higher resistance to atmospheric corrosion (depending on the aggressiveness of the environment)
- significantly improved plasticity of the coating
- cathodic protection on cut edges
- resistance to elevated temperatures (up to 315°C without any changes to the coating)
- lighter weight (up to 3%) compared to hot-dip galvanised steels
- higher corrosion resistance in the case of „Salt Spray Test”



Material

The type and mass of the metallic coating on both sides together	Aluzinc 185 [g/m²]
Chemical composition of Aluzinc coating 185	55% Al, 43,4% Zn, 1,6% Si
Coating system	1-layer
AFP/Sealing thickness side A	2-5 [μm]
Environment classification according to EN ISO 12944-2	C4
Reaction to fire	A1
Resistance to external fire	regarded as compliant with requirements, no necessity of examination

Warranty

Aluzinc	25 years
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