

ANTHRA-ZINC STRAT®

Surface treatment technical data sheet

ANTHRA-ZINC STRAT® consists of rolled zinc alloyed with copper and titanium that complies with European standard EN 988 and the surface of which has a pre-weathering treatment upon which a transparent primer is applied, followed by a coating.

The pre-weathering treatment applied to **ANTHRA-ZINC STRAT®** is the same as that used for **ANTHRA-ZINC ®**. This treatment consists of chemically converting the upper crystalline structure of the metal that transforms zinc into zinc phosphate. It gives rolled zinc a dark grey aspect, similar in colour to the natural slate.

As an indication, the average characteristics of this conversion coating are as follows:

Nature : quadric-hydrated zinc phosphate (hopeite)
Weight : 70 mg/dm²
Thickness: approx. 2 micrometer
Solubility : insoluble in water
Colour : Y luminance = approx. 4.5 to 7.5 (dark grey)

The transparent primer serves as an adhesive layer and improves the corrosion protection. It is 15 micrometers thick.

The transparent resin is a high durability polyurethane resin. The coating is 20 micrometers thick.

The other side is applied to a varnish of 12 micrometers thick.

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