

QUARTZ-ZINC®

LIGHT GREY PRE-WEATHERED TITANIUM ZINC

DESCRIPTION AND CHARACTERISTICS

QUARTZ-ZINC® is a rolled zinc, alloyed with copper and titanium, conforming to the European standard EN 988, which has received a surface treatment in workshop, providing immediately a light grey appearance, similar to that of the natural patina which forms on zinc after several months of atmospheric exposure.

➤ **The pre-weathered patina**

The pre-weathered patina of the QUARTZ-ZINC® is the result of a chemical conversion treatment, which consists in the modification of the external surface of natural titanium zinc.

The mean characteristics of this thin conversion deposit are the following:

- Nature : quadrihydric zinc phosphate (hopeit)
- Weight : 35 mg/dm²
- Thickness : about 1 micrometer
- Solubility : insoluble in water
- Tone : luminous luminance $Y = 24 \pm 1$; $x = 0,32$; $y = 0,32$.

The patina of QUARTZ-ZINC® is perfectly environment-friendly.

➤ **Laying QUARTZ-ZINC®.**

QUARTZ-ZINC® can be bent, folded or profiled without any surface changes (similarly to natural VM-ZINC) and thus allow the exact same methods of laying.

Department Head Quality

VM BUILDING SOLUTIONS



November, 2017