

Secco Sistemi

Bronze



THE MATERIAL

The name Bronzofinestra stands for an alloy containing 67% copper and 33% zinc, the main characteristic of which is its natural oxidation upon exposure to air. That is how the alloy acquires the typical finish of old bronze, with a warm and elegant hue that is not the result of artificial colouring but of a natural chemical process of self-protection.

Alloys of this type are the earliest material used by man to forge particularly superior weapons and tools, in the Renaissance period they were used to make the window and door frames of palaces and cathedrals and today in modern prestige buildings.

THE ADVANTAGES OF BRONZOFINESTRA

- Aesthetic values that combine tradition and elegance for prestige architectural solutions
- Possibility of changing the appearance of the surface, customising the choice of finishes
- High corrosion resistance, even in marine environments
- Absolute certainty of duration and low maintenance costs
- Highly malleable material suitable for obtaining conceived shapes
- Essentially ecological, 100% recyclable alloy

THE TRANSFORMATION PROCESS

The Bronzofinestra is processed to obtain rough cold-rolled coils, which are then sheared and cold formed. The resulting products undergo stress relieving so that season cracking (presence of residual internal stresses that could cause surface cracks) can be totally eliminated, thereby guaranteeing the structural strength and durability.

FINISHES

1. Burnished Bronzofinestra: After the transformation process, the sections or finished materials undergo mechanical cleaning with abrasive and then burnishing by dipping in order to acquire the warm shade of old bronze.
2. Polished Bronzofinestra: After the transformation process, the sections or finished materials undergo mirror polishing, which gives Bronzofinestra its golden splendour.