

Copper in Architecture & Building

For hundreds of years, copper has been widely appreciated in the building industry for its superior durability and natural beauty. Copper is renowned for its freedom from maintenance, natural tint, subtle shades, workability and compatibility with other materials. No other metal enhances buildings so distinctly. Thanks to its unique qualities, copper has easily adapted to many architectural styles. Copper is an ideal material for different kind of applications due its longevity, corrosion resistance and workability. It is easy to form, natural and environmentally friendly material for all kind of applications. By building with copper one can assist nature, maintenance-free copper reduces the burden in many ways. Copper is a leading material when it comes to recycling. Nowadays, for example, around 40% percent of the total consumption of refined copper is scrapbased. Copper is virtually one hundred percent recyclable.

Copper products are used in: Copper serves the Architecture and Building market in a wide variety of products.

- Roofing
- Interior and Exterior Facades
- Gutter (Rainwater systems)
- Wall panels, cassettes, profiles
- Window and door frames
- Decoration
- Interior ceilings

Copper Surfaces

In recent years the availability of copper has been enhanced by the availability of fully or part weathered surfaces, in theform of oxidized or partial and full patinad. The surfaces are

available in both sheet and coils in various widths and thickness as well as tempers. Allowing architects to immediately express their design in the building both in colour and form as they would previously hoped nature would work. It is important to understand that patinated copper is essentially a living surface, the influence of the environment will continue to act on the surface for the whole of it's life.