

# Copper in numbers

**10,000** – the years copper has played a vital role in civilisation – art, coins, musical instruments, engineering, technology and electricity.

**20** kg of copper are needed in the average car's wiring and electrics to ensure safe, controlled and efficient operation.

**400** - the number of different copper alloys, each with a unique combination of properties, suited to many different applications and providing a spectrum of beautiful colours.

**79,000** – the number of miles of copper tube used in UK plumbing each year. That's enough to go around the world at the Equator three times!

**1,083** °C is the melting point of copper

1mg of copper is needed by adults each day to maintain good health.

**4** tonnes of copper are required to convert wind energy to electricity in a single 1.5 MW wind turbine generator.

**41** % of the copper used in Europe comes from recycling.

**1,000,000**

the number of disease-causing germs, such as MRSA, that can be inactivated by one cm<sup>2</sup> copper in just a few hours, due to copper's natural antimicrobial properties.

**100** - copper is 100% recyclable, over and over again, without any loss of performance.