

# SUPERMETAL

#### **TRIED & TESTED**

# **Centuries of happy customers**

Copper has been used through the whole of human history. From water pipes in ancient Egypt to copper vessels for the Celt's whisky production in Scotland.

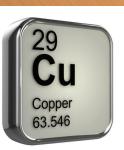


## **HEALTHY**

## So your water system is safe to use

In fact, 99% of the bacterial population introduced into a copper plumbing system, will disappear in under five hours - faster than any other tested material.

It also reduces and kills legionella.



#### **EFFICIENT**

### Reducing your running costs for hot water

Copper is one of the most efficient conductors of heat with a thermal conductivity of 401W/mK. It will reduce your energy costs, generate more heat, more quickly and reduce your carbon footprint.



#### **VERSATILE**

## More flexible and bespoke solutions

Copper is significantly more flexible for manufacturing than other materials. This allows cylinders to be tailor made to your exact requirements. Ensuring best efficiency, quicker installation and reduced labour costs.



# **LONG LASTING**

# So your cylinder is guaranteed to last

A copper cylinder has an extremely long lifespan due to its amazing resistance to corrosion. Furthermore the mechanical and physical properties of copper and its alloys are maintained indefinitely.



#### **RECYCLABLE**

## Most environmentally friendly solution

80% of the copper ever mined is still in use today and over 90% of all copper scrap is re-used. Choosing copper therefore reduces your carbon footprint, making more environmental and economic sense!



## **Copper in Drink**

Whisky may be matured in various oak casks, however it is only ever made in Copper stills. Copper is the only material which removes the unwanted elements from the spirit, giving whisky its distinctive flavour.

# **Copper in Hospitals**

Copper and Copper alloys, are now being used in hospitals to prevent germs from spreading. In fact, clinical trials have shown this can reduce a patient's risk of catching an infection whilst in hospital by 58%. MRSA on Copper dies within 2 minutes.

# **Copper in Health**

We cannot survive without copper in our bodies.
Copper is also widely recognised for its help against arthritis and skin conditions.

## **Copper in Construction**

Copper flashings and Copper wire are regularly used on roofs to prevent moss and algae from growing. It works because the oxidisation process provides a thin layer of Copper salt to the roof which kills the algae.

#### **Copper Around the World**

The world famous Statue of Liberty is made from Copper. The Copper exterior coating is just 3/32 inch thick.

#### Copper at Sea

Copper bottomed boats were developed in the late 1750s.
The hull had a covering of copper, preventing attacks from Toredo worms, barnacles and seaweed.
This hugely increased the speed, efficiency and lifespan of the boats.

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