



PR741 issued: 21st July 2008

Copper Contributes to the Green Olympics

The 2008 Beijing Olympic Games are dedicated to being environmentally friendly, healthy and sustainable in every aspect of their construction, and copper plays a vital role.

Specifiers selecting materials for the construction of the Beijing National Stadium, also known as the Bird's Nest, chose copper for both its domestic cold water and hot water plumbing systems.

The total length of copper pipework installed in the Bird's Nest is over 20,000 metres, and it is the first time that the Chinese people have used so much copper pipework in one single building. It also makes the copper plumbing installation one of the largest in the world.

Copper plumbing is widely used in other Olympic facilities, such as Water Cube (the National Aquatics Centre) and the Beijing Shooting Range Hall, as well as the new Beijing Capital International Airport 1st Terminal Building, which will receive the many incoming athletes and fans from around the world.

Copper has many advantages as a plumbing material. It is known for its reliability, durability, corrosion resistance and pressure resistance as well as its recyclability. Copper is 100% recyclable, and recycling uses only 15% of the energy that would be used to mine and produce the same amount of copper. Another important advantage is copper's natural antimicrobial properties.

The many advantages of copper that have made it the first choice for plumbing in the Olympic buildings also make it the ideal material for commercial and domestic plumbing systems in the UK.

Ends



Notes to the Editor:

The UK Copper Board

The UK Copper Board was established in 1993 as part of a European campaign to promote the use of copper as the professional's choice when installing plumbing and heating systems.

The Board works in close association with the tube and fitting manufacturers throughout the UK and Europe, and is supported by the International Copper Association and the European Copper Institute.

www.ukcopperboard.co.uk

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