



## **PRESS RELEASE**

### **Schöck Ltd**

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### **Europe's tallest building incorporates Schöck thermal break technology**

Some of Europe's most sophisticated buildings incorporate thermal break technology from Schöck, but the new Mercury City Tower in Moscow is to date possibly the most iconic, and certainly the tallest, to utilise the Isokorb®. Rising 327 metres above the Moscow skyline, the Mercury City Tower, is currently the highest building in Europe, beating London's Shard into second place by some 17 metres. This remarkable building is the centrepiece of a £7 billion International Business Centre development known as Moscow City, located about two and a half miles to the west of Red Square.

It is built on a 150 acre site that used to be an old stone quarry area consisting of derelict factories and industrial complexes and will shortly become the first zone in Russia to combine business activity, living space and entertainment in one single development. Claimed to be the first truly environmentally-friendly building in Russia, it will house the offices of some of the world's leading companies; along with five-star hotels, luxury apartments, prestigious clubs, fitness centres, fashion boutiques – and even Moscow's largest concert hall will be relocated there – making it effectively a city within a city.

A key design feature of the building is the use of inclined planes at various levels of the structure, which support vertical posts on which the facade

cleaning system is installed. To prevent any of the risks associated with thermal bridging, it is necessary to separate the vertical posts from the thermal contour of the building. The unusual shape, size and characteristics of Mercury City required careful planning and the design of a unique Isokorb® insulation element; which in addition to its exceptional thermal performance requirements, also has to bear loads on two of the inclined planes.

The proven high technical performance values and adaptability of the Isokorb® range have been the main drivers in helping establish and maintain the leading market position for Schöck across Europe. In addition though, significant attention has also been given to providing specifiers, structural engineers and contractors across all regions the highest level of design and technical input. In the UK, further support is available in the form of a complete library of information available as hard copy, or downloadable information from the website. This includes a 20 page 'Specifiers Handbook', which provides an overview and introduction to the Schöck Isokorb®; and a comprehensive 236 page 'Technical Guide' which displays in detail the complete range of thermal break applications for all construction types.

For your free copy of the Specifiers Guide and /or the Technical Guide contact Schöck Ltd on 01865 290 890 or visit [www.schoeck.co.uk](http://www.schoeck.co.uk)

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#### **Notes to the editor**

##### **A leading European supplier**

Schöck has grown to become Europe's leading supplier of innovative structural load bearing insulation products. Its headquarters are at Baden-Baden in southern Germany and there are subsidiary companies in Great Britain, France, Austria, Switzerland, the Netherlands, Belgium, Poland, Italy and Hungary. Sales teams and partners operate in many other European countries and also Canada and the Middle East. Schöck is committed to providing the highest level of technical back up and comprehensive customer service to the construction industry.

