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Magic Metal
Buildings of Steel, Aluminium, Copper and Tin

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Content

No other construction form represents modern high-tech buildings like the combination of glass and steel. Buildings that employ these materials stand for advanced architectural technologies and demonstrate the new freedom of architecture with their elegant and dynamic forms. Classic materials such as copper and zinc also play an increasingly bigger role in construction. As an expression of traditional manual craft they represent not only quality, longevity and beauty, but also offer engineers, architects and designers extravagant, boundless modeling options.

Magic Metal – Buildings of Steel, Aluminium, Copper and Tin demonstrates how various kinds of metal are used in architecture. On 256 pages ca. 70 projects from around the world demonstrate versatile and unusual examples of the most modern architecture. Richly illustrated and complemented with detailed plans, short project descriptions inform the reader about the special features of the individual buildings and their interiors.

The scope of the presented buildings is remarkable: from filigree framework structures like the distinguished *Schwarzenbergschanze* in Klingenthal by m2r architecture to impressive façades that envelope buildings in original ways, to formidable large scale projects like the *Airbus A380 Hall* in Hamburg by gmp or the *Paul Klee Center* in Bern by Renzo Piano. Frank O. Gehry demonstrates that metal is extremely formable and flexible with his *Marqués de Riscal Hotel* in Elciego. Sculpture-like, the project manifests its artistic qualities alongside its architectonic ones.

Series

The volume *Magic Metal* is part of the “Architecture & Materials” series that is devoted to the innovative use of various materials in architecture. The series also includes the titles *Clear Glass*, *Concrete Creations*, *In Full Colour*, *Fine Fabric*, *Pure Plastic*, *Set in Stone* and *Touch Wood*.