



TOPP & CO.

GREAT BRITAIN

Exquisite Architectural Metalwork

**Bronze Doors and Windows**

# BRONZE



The first metal to conquer the world

The eternal metal

unscathed even after millennia in the sea

The metal of great artists

from ancient masters to modern innovators

The metal used for the first computer

The Antikythera Mechanism tracked the movements of the planets 2500 years ago

The versatile metal

strong, stunningly beautiful whether polished or patinated, capable of taking any form, making an unmistakably esoteric statement...

↩ Reconstruction of the Antikythera computer The original, found in a Aegean shipwreck, was created around 500 BC.

# The finest material for doors and windows



Exquisite Detail



Timeless quality



Personalised Design

Introducing a revolutionary and innovative bronze system from Topp & Co.

As a major architectural feature, these magnificent manganese bronze doors provide an unrivalled opportunity for expression and feature levels of detail and craftsmanship simply not possible until combined with the CAD and modelling technology of today. These doors transform any entrance into a stunning and personal work of art.



Bronze doors of Florentine Baptistry

The metal of great artists



Perseus Signoria - Celini

## Exquisite Detail

Our revolutionary method of producing the casting patterns directly from a CAD design, together with the traditional skills of our bronze founders, guarantees the finest possible resolution of detail in our finished castings. And the creative process is freed by removing traditional obstacles and uncertainties associated with the hand-crafted interpretation of a design into a casting pattern. Our system ensures your vision is realized from inspiration right down to the finished, exquisite detail. This level of creative freedom and accuracy allows your doors to become a more personal design statement.

← Personalised design detail panels in bronze

The eternal metal



## Unrivalled Quality

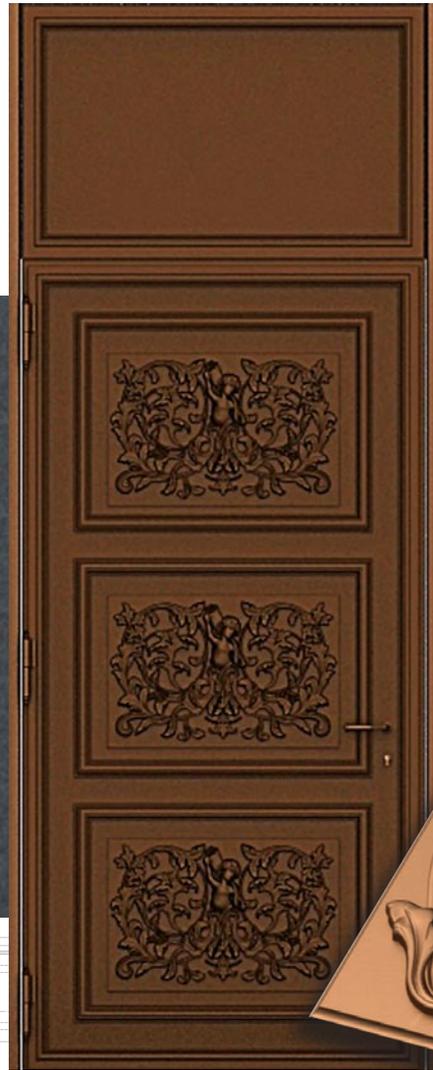
The versatility, beauty and longevity of bronze present challenges to any designer in matching the quality of the design to the quality and timelessness of the material. We've met that challenge with the introduction of these fine doors. Our unique and patented system features several manganese bronze thermal break profiles and can accommodate both double and triple glazed units. Solid bronze castings can also be incorporated to emphasize the sheer elegance and quality of the doors.

↩ Doors that will last for generations



Greek bronze after centuries underwater

The versatile metal



Antikythera - reconstruction of a bronze-age computer

## Personalised Design

Topp & Co offer a complete service from concept design to site installation and are happy to work alongside architects, designers to bring ideas to life. Using the latest 3D modelling software, the client will be able to visualize the finished product in its environment before committing to manufacturing the doors. The moulds for the casting are produced directly via CAD/CAM process, eliminating the intermediate time-consuming and variable process of hand-carving moulds.

⇐ Left and centre, CAD visuals; right, computer generated mould



Variety



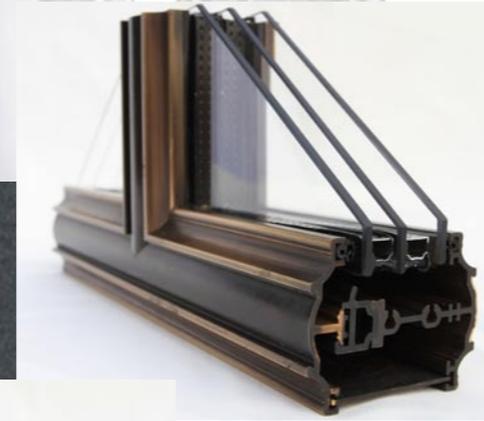
## Profiles

← Left, Contemporary; right, Prestige

Example of a built-up profile based on Prestige

We offer two basic different types of thermal break profile: Contemporary and Prestige, to which can be added a variety of sections to build up a unique profile. The Contemporary profile is a simple but very stylish design with its straight lines and sharp corners. The Prestige profile is quite simply exquisite and offers limitless opportunities to add personalized decorative detailing in the form of other sections to your taste.

Vision



Bronze gates in Santa Maria della Salute Church, Venice

## Bronze Casement Windows

Motorised sash windows or hinged windows using the same manganese bronze thermal break profiles have also been developed to offer you the best possible range of products available on today's market. These bronze windows can accommodate both double and triple glazed units.

← Left, Contemporary; others, Prestige;



**BRONZE:** Forever

## Finish and Patinas.

The aesthetic quality of Bronze is special even in its natural state but when fully patinated it has a quality that is timeless. There is a choice of patinas that can be applied to our manganese bronze doors including an aged antique bronze which is waxed and polished. The maintenance of these finishes is straightforward and details are supplied with the Doors.

## Manganese Bronze

The bronze we use is an alloy of mainly copper, zinc and manganese plus other elements in lesser quantities. The copper gives it corrosion resistance and durability and the manganese gives tensile strength. We have found this to be perfectly suited to the casting and extrusion processes used in the manufacturing of both doors and casement windows.

## Still the Material of Choice

It's been an age since bronze has been at the forefront of architectural metalwork design but we believe it has never been far from the imagination of architects and designers as a material of choice. We are happy to be at the forefront of manufacturing a product that not only maintains its timeless beauty but meets the exacting demands of today's architectural practice.

See the quality and detail for yourself. We have a samples of the extrusions as well as samples of the finish and casting detail which we would be happy to present to you and discuss in more detail the possibilities of working with both bronze and Topp & Co. To arrange to see the samples please contact Jerome Peycher by either emailing [jerome@toppandco.com](mailto:jerome@toppandco.com) or give him a call on 01347 833173.



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