

Press Release  
July 9<sup>th</sup> 2024

## Custom Studio Staircase by British Spirals and Castings

***British Spirals and Castings recently completed the design and manufacture of a unique staircase for a renovated studio, addressing the challenge of accessing a mezzanine level while accommodating the ground floor layout.***

The project presented significant challenges, including the need for central access at the top of the staircase due to the pitched roof above the mezzanine, and the necessity to offset the staircase's base due to a wash basin positioned centrally below. To address these issues, the team worked with the property owner to create an S-shaped design made from cast aluminium. This design allowed the staircase to run parallel to the mezzanine while turning out into the space, providing more straightforward access, and fitting well within the limited area available.

The staircase design featured two wide straight diamond treads at the base, transitioning smoothly into four anti-clockwise treads that curved around the fitted wash basin. From there, three straight treads ascended to the required height, followed by three clockwise treads that met perfectly at the centre of the mezzanine level. This innovative design was developed using computer-aided design (CAD) software, enabling precise adjustments and client approval before production.



The choice of cast aluminium for the staircase provided aesthetic benefits like cast iron but with significantly reduced weight, being a third lighter. The foundry team produced the cast parts, which were then meticulously finished by the workshop team. For the final finish, the property owner selected a grey matt brown (RAL 8019) from the in-house powder coating facility, perfectly complementing the studio's interior. The project was further enhanced by a striking glass balcony, adding to the overall aesthetic appeal.

The property owner expressed high satisfaction with British Spirals and Castings, noting the professionalism, courtesy, and patience of the team, as well as their invaluable experience and creative input. The resulting staircase not only met functional needs but also served as a beautifully crafted statement piece, adding significant value to the space.

Interested in a bespoke staircase or balcony to add some magic to your own property? Take a look at the British Spirals & Castings website, [request a quote](#) or - if you have any queries - get in touch via phone, email or by visit the showroom in Derbyshire.

### Ends

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