



**TECHALUMINIUM  
SYSTEMS**

excellence in the built environment

# ALUMINIUM BI-FOLDING DOORS, FRENCH DOORS AND WINDOWS WITH FANTASTIC VIEWS IN SHENSTONE, STAFFORDSHIRE



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**smart**  
architectural aluminium

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APPROVED FABRICATOR OF  
**ALUTECH**  
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WINDOWS - CURTAIN WALLING - BI-FOLD DOORS - PATIO DOORS - CURVED GLASS - BALUSTRADE - BESPOKE PROJECTS



This modern extension with bi-folding doors, balcony with glass balustrade and an internal window lantern allowing the family to enjoy the surrounding greenery of Shenstone in Staffordshire, whatever the weather.

## BACKGROUND

Having lived in the house for 9 years, the homeowners wanted to make the most of their view, over looking the peaceful village of Shenstone, whilst also extending their living space.

## THE PROJECT

A two-storey extension was added to the rear of the property. Upstairs bi-folding doors lead out onto a balcony, with views across the Staffordshire countryside. Downstairs, a lift and slide, sliding door, leads out to the garden and views of the countryside beyond.

Being situated in the Staffordshire countryside, extreme weather conditions were a concern for the family, therefore they wanted to ensure the products they were choosing would stand the test of time. Which is why the homeowners choose aluminium windows and doors made from premium grade aluminium, with a powder coated finish and weather tight seals. Designed to deal with the changeable British climate.





## PRODUCTS

Bi-folding doors were chosen for upstairs, allowing the family to fully open up the space to the outside, creating a seamless transition onto the balcony. Available in a range of configurations and colours. The homeowners opted for a four-door set, in a 3+1 configuration, allowing for a master door. You can use this master door the same way you would a single door, giving you the ability to open the master without having to fully open the bi-fold. The door opens outward onto the balcony, neatly stacking at either side, ensuring the family didn't lose any internal space.

French doors were chosen for the home office, helping light to fill the room, and allowing the family to fully open the doors when the weather permits.

A large set of sliding doors were chosen for the downstairs part of the extension, allowing the family to enjoy the view with minimal sight-lines.

All three of the doors create a wall of light within the room, whether they are open or closed. With low thresholds to create a seamless transition to the outside.

Internally in order to let the light in with a stunning we designed a bespoke Roof Lantern Providing an aesthetically-pleasing and effective daylighting solution to the day room.



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