Rainscreen Cladding

Castellation System

eltherington
architectural solutions



Specification guide

www.eltherington.co.uk

C1 - Castellation

About Eltherington Architectural Solutions

Eltherington architectural has been manufacturing façade systems for over 50 years.

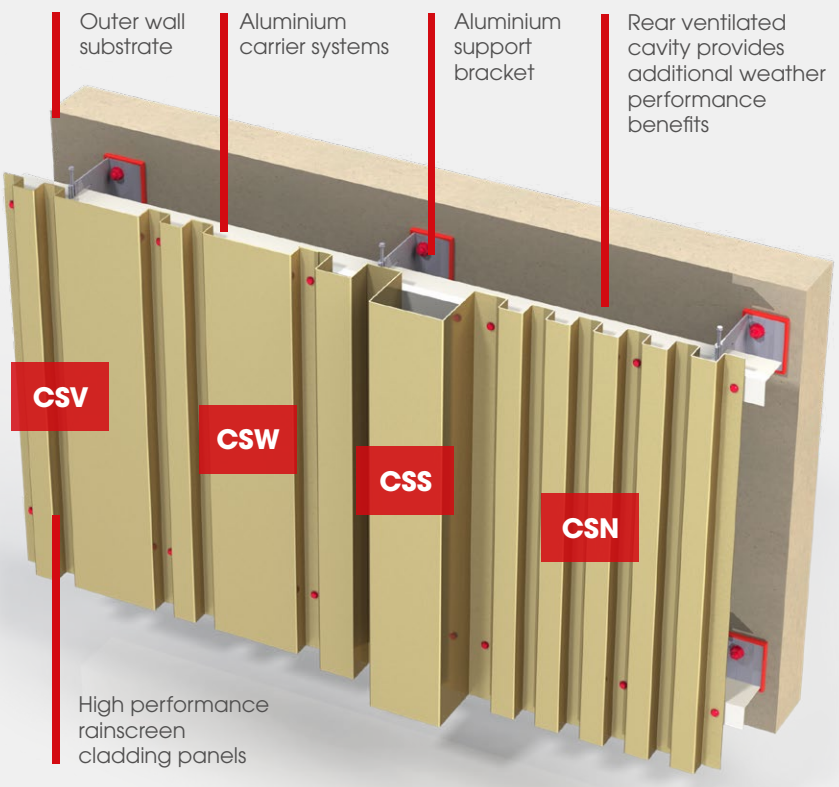
All our rainscreen systems have been independently tested and accredited to the specific requirements of CWCT and come in an unrivalled choice of materials, colours and finishes to help you bring your design to life.

Our state of the art production facility allows us to take on board specialist architectural metal work projects of any scale. We fabricate a wide range of external architectural systems including rainscreen cladding, roofline products, column casings, perforated panels and any bespoke fabrication.

Specification

- Panel fire rating: A1 or A2
- Finish: PPC, Pre-Paint, Anodised
- Plank Lengths up to 6400mm max
- Horizontal Joint: Open or flashing
- Thickness: Max of 2mm
- Fixing: Self Drill mechanical fix
- Fixing centres: 300mm max
- Install method: Overlap
- CWCT & EN 13501-1 tested

Typical Installation



CSV



Catellation System Varied

CSW



Catellation System Wide

CSS



Catellation System Step

CSN



Catellation System Narrow



See our project case studies

Discover all our projects on our website, visit eltheringtonarchitectural.co.uk/case-studies









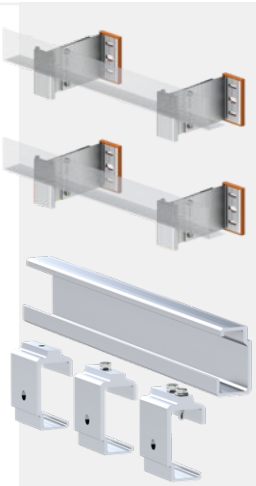
Support Systems

Our Facade Systems, manufactured in aluminium and stainless to the latest Eurocode designs

Facade systems can be recognised by the component parts; a range of helping hand brackets, vertical profiles designed for various panel types, structural support profiles for SFS construction detailing, cavity barriers for fire stop and ETA approved fixings for masonry, concrete and steel.

System Components

UL approved; helping hand brackets, aluminium profiles, panel brackets and substrate fixings.



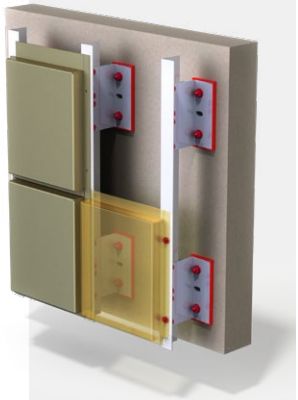
Cavity Barriers

Cavity barriers designed for ventilated facade design, including full fill and open state for 25mm or 50mm linear air gap.



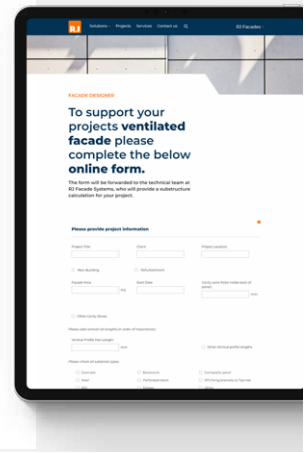
Facade Types

Market leading ventilated facade support structures designed and engineered for all facade panel types.



Facade Designer

On line application form to send the project design parameters directly to our engineers to start the design process.



Alternative design options by Eltherington Architectural:

Perforated



3D Domed



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