



eltherington
architectural solutions
Innovation | Performance | Facades

case study

rainscreen cladding
through fix - TFS1



Sector

Commercial

Project

Cale Cross House, Newcastle

Project value

£200,000

Architect

Lamb & Edge

Material and finish

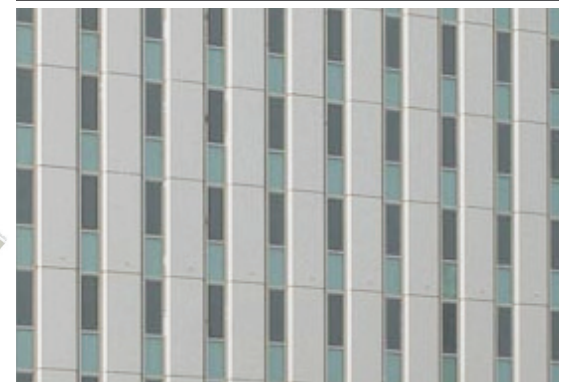
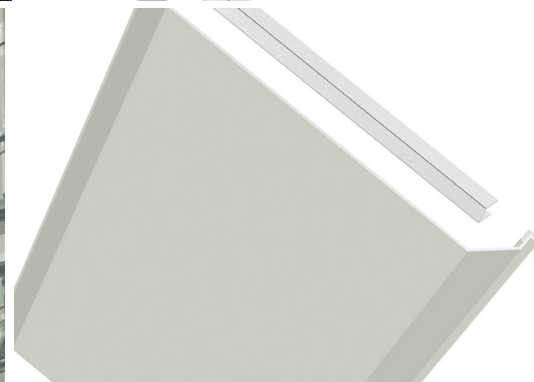
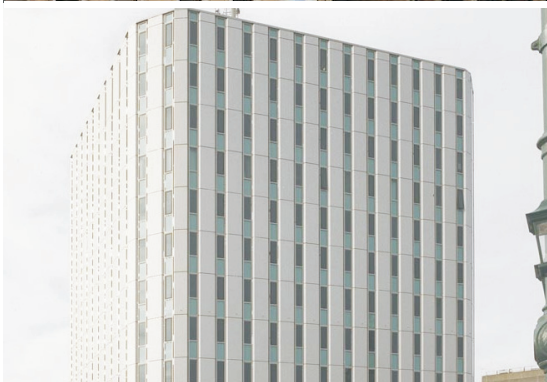
Each 4mm Reynobond alcoa aluminium sheet incorporated a structural stiffening system.

Solution

- 4mm thickness Reynobond.
- Rainscreen cladding.
- Decorative feature panels.
- Internal aluminium sub-frame.
- Reynobond coping / capping items.
- Duragloss 5000 coating system, champagne metallic.

Benefits

- Ability to manufacture large panels using a structural stiffening system.
- Wide range of colours available on Eltherington decorative feature panels.
- Metallic paint finish proven to be one of the finest systems.



Rainscreen cladding through fix

Materials and finishes

Aluminium	Finish
Polyester powder coated	Standards
Polyester powder coated	Metallic & textured
Pre-coat	Standards
Pre-coat	Metallic & Chameleon
Anodised	Natural
Anodised	Anolok bronze
Anodised	Anolok black
Anodised	Anolok Blue Grey
Anodised	Anolok gold
Natural plain	Mill finish
Aluminium composite (ACM)	Reynobond
Aluminium	Rimex
Various	Perforated
Various	Slotted

Stainless Steel	Finish
304 / 14301	Satin polished
316 / 14401	Satin polished
Industrial	Shot peened/blasted
Unique	Circular polish
Natural plain	2B mill finish
Pattern	Rimex
Industrial	Granex
Arcelor Mittal	Uginox TT
Various	Perforated
Various	Slotted

Steel	Finish
Galvanised	PPC
Galvanised natural plain	Mill finish
Zinc	PPC
Zinc natural plain	Mill finish
Pre-coat	Dobel Plastisol
Mild steel	PPC
Corten steel natural plain	Mill finish
Various	Perforated
Various	Slotted

Other	Finish
Rimex Colourtex	Various
Rimex S/S Vortex	Various
Copper natural plain	Mill finish
Aluminium pre-coat Reynolux	Various
Zinc material	Mill finish
Aluminium pre-coat zinc	Grey
Aluminium pre-coat FF2	PVDF coated
Brass	Polished

Support system

- Mechanical through fix system is suitable for new builds, or for overcladding an existing building as part of a refurbishment
- Market-leading Hilti fixing system
- Aluminium carrier system for long term performance
- Easy installation

Sustainability and the Green Guide

Eltherington is committed to sustainable manufacturing leadership in all areas of its business, including recycling, reduction of waste and saving energy.

Eltherington rainscreen cladding can achieve an 'A' rating as defined in the BRE Green Guide to Specification. Due to their lightweight nature, framed structures generally score better than their masonry counterparts. A-ratings can be achieved using all conventional cladding materials from Eltherington.

Showroom

Eltherington has a large showroom at our manufacturing site in Hull, East Yorkshire, showcasing all of our architectural solutions. To arrange a visit, please call us on 01482 320336.

Design assistance

Our team can assist you in all aspects of regulatory compliance covering fire safety, condensation and ventilation.

Along with our standard range of rainscreen cladding we can manufacture to your exact designs. We offer a full installer support programme.

Our commitment

Eltherington is at the forefront of innovation and performance in the rainscreen cladding sector. This gives customers confidence in our products, allowing them to realise their vision of creating buildings where people want to live and work.



Eltherington rainscreen cladding solutions have been independently tested and accredited to the specific requirements of CWCT.

The Centre for Window and Cladding Technology (CWCT) is the leading provider of information in the area of building envelopes and glazing. The CWCT establishes industry standards and provides guidance to its members.



Full NBS specifications are available for all Eltherington rainscreen cladding solutions. We have an experienced technical team that can assist you in putting together designs and detailed specifications.



Eltherington offers RIBA-assessed, high-quality CPD seminars at your office or regional centres around the UK. Please contact our customer services department for more information.

Other solutions available from Eltherington:



Column casings



Roofline



Internal cladding



Modular / off-site



Specialist fabrications



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Eltherington Aluminium Ltd, Dansom Lane South, Hull, East Yorkshire, HU8 7LA
T: 01482 320336 F: 01482 329956 E: info@Eltherington.co.uk