PROREND EIFS

CASE STUDY

CONCORDE HOUSE, EXETER

ENERGY-EFFICIENT TRANSFORMATION

PROJECT FACTS

Project Type
Residential Refurbishment / Office-to-Residential Conversion

Location
Exeter, Devon

Building Type
Residential Flats

System Installed
ProRend EIFS – 60mm Mineral Wool

Installer
Dry Wall Finishings

Finish
ProRend Colourtex Silicone Render



PROJECT OVERVIEW

Concorde House, a former commercial office building in the heart of Exeter, underwent a major refurbishment as part of its conversion into high-quality residential apartments. As part of the redevelopment, the existing façade required a complete thermal upgrade to improve energy efficiency, satisfy current UK fire safety standards and provide a modern rendered appearance suitable for long-term residential occupation.

To achieve these objectives, Dry Wall Finishings installed the ProRend External Insulation Finishing System (EIFS), utilising mineral wool insulation to deliver the optimum balance of thermal performance, fire compliance and cost efficiency.

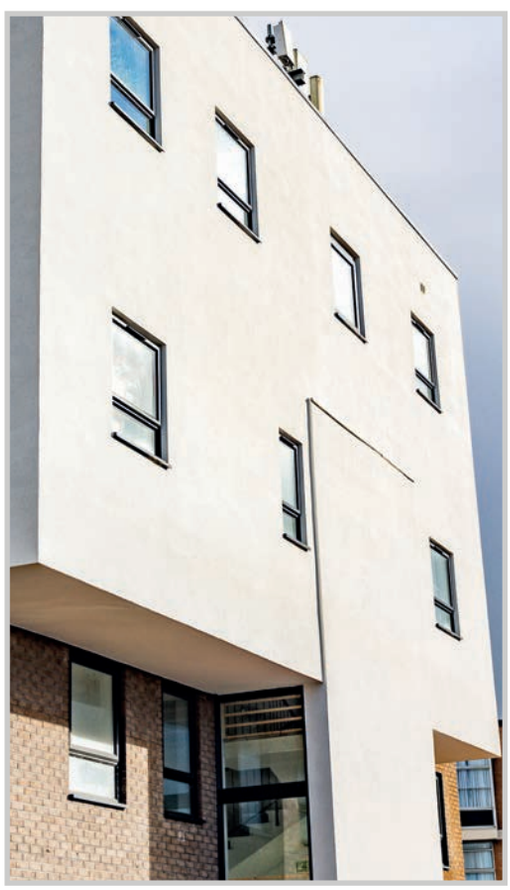
The completed façade was finished with ProRend Colourtex Silicone Render, providing a durable, breathable and low-maintenance external finish designed to perform for decades.

THE CHALLENGE

The refurbishment demanded a solution that balanced thermal performance, fire compliance and long-term durability without compromising the building's appearance.

A BBA-Certified insulation system was required to satisfy current Building Regulations while delivering a modern rendered façade with minimal ongoing maintenance.

- Compliance with current UK fire safety regulations.
- An ageing façade requiring complete modernisation.
- Working within an occupied residential environment.
- Meeting Building Regulations, including Part L energy efficiency requirements.



INTERESTED IN SPECIFYING THIS SYSTEM?

U-Value Calculations

Specification writing

CAD Details

Technical Support

SAS RENDER SYSTEMS

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THE SOLUTION

Dry Wall Finishings installed the ProRend External Insulation Finishing System (EIFS) using an insulation specification.

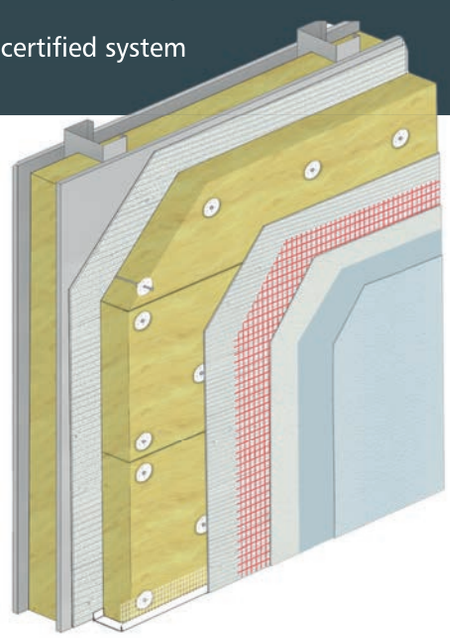
Mineral wool insulation was installed to critical fire-risk areas, providing a non-combustible A1 reaction to fire, while 100mm EPS insulation was used elsewhere to maximise thermal efficiency and reduce thermal bridging.

Following installation of the insulation boards, a reinforced ProRend basecoat incorporating ProMesh Alkali Resistant Glass Fibre Mesh was applied before finishing the façade with ProRend Colourtex Silicone Render. The completed system provides a breathable, water-repellent, low-maintenance façade with excellent weather resistance and long-term durability.

Supported by BBA certification and manufacturer guarantees, the ProRend EIFS system delivers a compliant, reliable solution for modern residential refurbishment projects.

KEY BENEFITS

- Improved thermal efficiency, reduced carbon
- Enhanced fire performance
- Reduced thermal bridging
- Modern rendered appearance
- Long-term weather protection
- Low maintenance façade
- Improved acoustic performance
- BBA-certified system



TECHNICAL SUMMARY

Property	Specification
System	ProRend External Wall Insulation (EIFS)
Insulation	Mineral Wool
Finish	ProRend Lite & ProRend Colourtex Uniform
Fire Performance	Mineral Wool System A2 - s1, d0
Key Performance	Thermally Efficient, Breathable, Weather Resistant, Fire Compliant, Low Maintenance

The refurbishment successfully transformed Concorde House from an outdated commercial office into modern, energy-efficient residential accommodation. By combining mineral wool and 100mm EPS within the ProRend EIFS system, the project achieved improved thermal performance, enhanced fire safety and a contemporary rendered façade designed to deliver long-term performance with minimal maintenance.