

Jaguar Land Rover case study

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JLR demands the optimum aluminium facade
and complete 'through wall' solution

Details matter and APL has the experience and knowledge to help



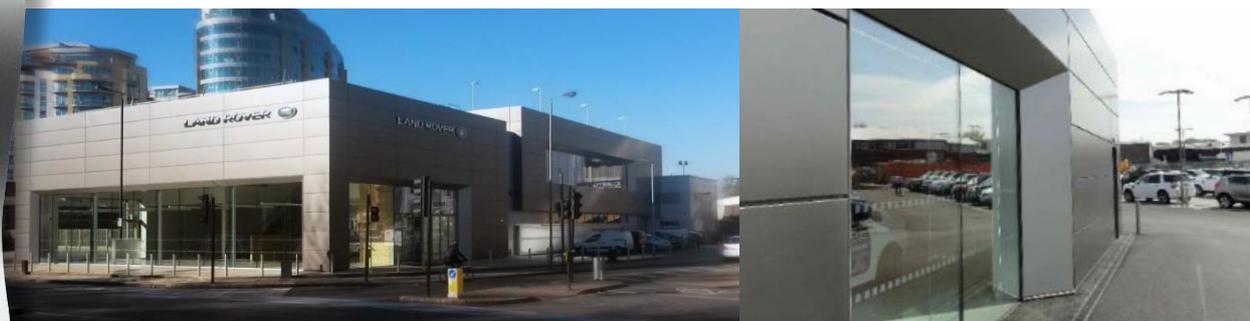
Architectural Profiles are pleased to have supplied numerous recent Jaguar Land Rover projects. A respected brand like JLR insists on the highest quality corporate image for their dealerships.

As the most respected aluminium rainscreen material on the market it is obvious that JLR would wish to specify Alucobond. APL is a preferred manufacturer of Alucobond rainscreen systems and delivered the fully compliant wall cladding package as specified by JLR in their 'ARCH concept design'.

The following is a summary of the features and benefits of the APL Slimwall™ system, together with a selection of proven details. APL is a very 'hands on' company and provides full support and guidance for the Design Team and Contractors throughout a project.

The Requirements

- To be fully compliant with JLR Retail Corporate Identity requirements.
- To meet all the JLR 'mandatory' facade and finishes specification requirements.
- To be sourced from a JLR Category A supplier.
- To be the most proven and cost effective option for JLR dealerships.
- To meet JLR maintenance audit requirements for prompt replacement if required
- To provide the optimum long life aluminium facade for the dealership.



Tel: 0118 927 2424 | Email: info@archprof.co.uk

and create eye catching projects



The System

- Is fully compliant with JLR 'mandatory' specification
- Provides the optimum aluminium facade
- Is a complete 'through wall' design by APL
- Is the best quality at the lowest cost
- Meets or exceeds all performance targets
- Is a JLR exemplar construction

The features

- **Alucobond** - The 'premium' aluminium composite material
- **Slimwall™** - APL's bespoke rainscreen panel system
- **Tritherm** - APL's exclusive structural support / spacer system

The benefits

Cost

- APL offers the most economical mandatory JLR complete facade cladding option
- The Slimwall Alucobond panels are lighter and easier to install than steel

Quality

- Aluminium facades always outperform steel
- The Alucobond material is the only exact metallic and colour match to the JLR specification for both the Sunshine Grey and Champagne finishes

- The Pvf² paint finish is the most colour fast and UV resistant coating of the JLR Mandatory finishes

Design

- The Slimwall panels are designed to avoid costly construction damage by allowing the bottom 2 tiers of panels, and deep vertical reveals, to be installed after the external works are completed as per best site practice.
- The same design also allows the easy removal for maintenance, repair or replacement of panels should damage ever occur in the future.
- Signage and lighting elements are fixed to panels off the building and the panels themselves fitted after the main elevations are complete, a much easier and more exact process.
- The complete Tritherm support system is Structural Engineer designed and manufactured 'in house' by APL.
- The support system utilises properly engineered sections and components and incorporates the necessary 'adjustability' required for a high-end and economic rainscreen installation.

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APL provides full support and guidance throughout a project



The Details

Typical details of the complete APL 'through wall' system for JLR projects are available on request.

All projects are bespoke and the details are amended accordingly. The projection of the cavity structural support framework can be up to 1000mm or more according to the project specific requirements. For instance the location of the support structure can vary which may alter the relationship of the rainscreen cladding to the showroom glazing.

APL provides 'hands on' assistance to the specialist sub-contractors with respect to detailing, procurement, and installer instructions.

THE SPECIFICATION

A bespoke NBS specification is available on request from Architectural Profiles in both Word and PDF format.

The NBS integrates all the various elements into a complete

'through wall' system. The specification is intended to be accurate and informative to allow a tendering contractor to understand exactly what is required. Its aim is to avoid any unnecessary, and confusing, descriptions.

Contact APL for a copy of the NBS.

Who are Architectural Profiles?

APL is a specialist UK manufacturer and supplier of metal roofing and wall cladding systems. Providing high quality, technically economic products and systems, APL has been established in the UK for over 25 years.

Having worked with many of the country's leading architects, engineers and contractors, APL has built a reputation for providing stylish, technically advanced, and extremely cost-effective building envelope solutions.



Non-combustible system



25 year full system warranty

**Non combustible construction
and 25 year full system warranty**

Established
35 years, all
manufactured
by us in the UK,
and proud of it!



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Architectural Profiles Limited 53b Crockhamwell Road, Woodley, Reading, Berkshire, RG5 3JP