

**CULHAM SCIENCE CENTRE, ABINGDON**  
**ARCHITECTURAL PROFILES LIMITED**



The brand new RACE (Remote Applications in Challenging Environments) building at UKAEA's Culham Science Centre is a triumph of design in greys and silvers utilising the highest energy performance building envelope construction systems and facing products.

Architects Bond Bryan called upon products and systems manufactured and provided by Architectural Profiles Limited of Reading to fulfil the design and performance demands of the project.

The large administration building was specified to be an APL Slimwall™ SFP Rainscreen system with accurately colour-matched differing grey panels and a special *POR6* silver. The spacious rear production building was an AP45 sinusoidal profile with corresponding AP45 live louvres to match in an elevated ventilation line inconspicuously blending in with the profile.

The building specified high energy performance criteria and a stable internal thermal and air quality environment. The APL Slimwall™ System provided this for both the rainscreen front and the profile clad rear of the building.

RACE is a robotics test centre for UK industry. Robotics is one of the Government's 'Eight great technologies' for growth and the centre applies the knowledge in robotics developed over two decades at the Joint European Torus (JET) fusion experiment at Culham so companies in other areas, such as space, deep sea, nuclear, construction and autonomous vehicles, can benefit. RACE has already helped British firms secure £100 million in contracts.



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