



CASE STUDY
BITTERNE PARK SCHOOL
SMARTER COOLER ROOMS

Location : Southampton, United Kingdom

Sector : Academia

Product Featured : Silver 15 External
(10 Year Warranty)





CHALLENGE

Sunshine That Interrupted Learning
Bitterne Park School a leading secondary institution in Hampshire, had long embraced natural light as part of its modern campus design. But the very glass panels that lit up the learning spaces were becoming a double-edged sword-



SOLUTION

Silver 15 External: Engineered for Large, Live Learning Spaces
Installing Silver 15 External — a durable, high-performance solar film suited for educational infrastructure



RESULTS AND BENEFITS

Heat build-up from sun-facing classrooms created discomfort, especially in warmer months, hampering learning



High Total Solar Energy Rejection (TSER) helped immediately reduce classroom temperatures, coming with a long **10-year warranty**



Reduced Heat Penetration— Cooler classroom conditions, even during peak sunlight hours



Glare on smartboards and digital displays interfered with teaching delivery and student focus with **overworked HVAC systems**



Significant glare reduction ensured improved visibility across whiteboards, monitors, and teaching aids installed by **certified installers**



Glare Free Learning— Improved clarity on screens and boards, enabling better focus



Lower HVAC Dependency— Reduced strain on air conditioning systems during summer terms



With the school operating at full capacity, any retrofit had to be executed with **minimal disruption and high reliability**



External application meant **zero interior interruption** — classrooms remained fully operational, and no disruption in learning



Hassle-free External Installation— No interior access required, ensuring uninterrupted classes



Long-term Value— 10-year durability guarantee suited for public sector budgeting needs

