



Client: Wokingham Borough Council
Project Manager: Leon Shead, CSEM

Technology: Infrared Heating
Project: Whiteknights Primary School School

Overview and Location

Whiteknights Primary School approached Wokingham Borough Council to find a solution of heating the corridor in the terrapin classrooms. WBC approached us with making this an innovative energy efficient heating technology. Currently the school were leaving the classrooms doors open to heat the corridor. When the children went to break time, all the heat escaped out the doors either end due to being left open whilst exiting.

Infrared Heating was proposed due to the characteristics of how the heat is being delivered from the panel and the draft from the doors being open would not affect the direct impact of this technology. We designed a system with a range of 700w standard white panels.

Solution

The panels were installed directly on to the ceiling and recessed within the ceiling grid to create no visible effect and tamper proof the heating system. These were located within equal distance in each corridor to optimise the Honeywell Evohome controls.



Conclusions

The Infrared heating solution provided has abled the school to keep the corridor warm and comfortable without losing all the heat at break times. The classroom doors are now left shut further increasing the energy savings and wasted heated



Partnerships

Working with Rotkraft, CSEM installed Rotkraft's Infrared radiators as part of Wokingham Borough Council and Whiteknights Primary School move towards energy efficiency.



Testimonial

Andy the Schools Site Manager was impressed with how Honeywell Evohome can deliver the control in each corridor. Also, the positions of the panels can not to be tampered with.

