

Progress features and benefits

	Features	Benefits
Exterior		
General external appearance	Large glazing, canopy, hi-spec doors and decked terrace can all be incorporated into the building's design	Modern appearance helping to create the right image for your organisation and brand
External wall panel in coated galvanised steel – dark and light grey composite panel	Improved aesthetics, one hour fire rated and thermally compliant	Reduced building maintenance, heat loss & a better working environment
Market Leading Warranty		
50 years design life 25 years structural warranty 5 years product warranty 12 months parts warranty	Provides structural integrity in support of high quality construction	Gives reassurance & total peace of mind to the user
Heating		
Wall mounted airsource heat pump heating system	Mounted on the wall at high level or recessed within the suspended ceiling	More energy efficient than convector heating, allowing building regulation compliance to part L2A
Lighting		
PIR controlled lighting	Lighting used only when activated, automatically turned off when building is not in use	Less energy use & lower energy bills when combined with other energy saving features
Low energy T5 lighting (daylight dimmable)	Low energy lighting	Reduced energy use & lower energy bills when combined with other energy saving features
Windows		
PVCu or powder coated aluminium double glazing c/w K glass	Improved insulation, reduced heat loss	Better working environment, less energy use and lower energy bills
External Doors		
Plastisol coated or painted aluminium doors	Improved aesthetics and high quality finish	Reduced building maintenance and a better working environment
Floor		
Floor loading	4kN/m ² load capability as standard	Stronger and more robust floor
Roof		
Warm roof system	Insulation located within outer skin of structure	Improved thermal properties, minimising heat loss
Other		
'U' values	20% better than building regulation requirements (elemental values)	Less heat escapes through the building fabric, meaning less energy is used to heat and cool the building, resulting in cheaper bills and less damage to the environment
Air permeability	Typically 2.89m ³ /hr @ 50Pa (based on double classroom)	Less heat can leak from the building, improving thermal efficiency