

Healthcare / Refurbishment

Key Features:

- » Window and door replacement
- » Reduction in carbon targeted
- » Improvement in thermal integrity



Sustainability is a clear target of this project. As a result, our attention is focused towards delivering a solution that synergises with the green credentials of the design brief, Carbon Net Zero and NHS Carbon Footprint.

Carbon Reduction and Thermal Improvements

As part of this contract, we are targeting carbon reduction and thermal improvements. To this end, we are implementing the following:

- » The design, supply and installation of White PVCu windows and doors and Standard RAL PPC aluminium curtain walling to the Maternity Building.
- » The design, supply and installation of white PVCu windows and standard RAL PPC aluminium doors and screens to the Estates Building.
- » A solution that achieves a U-value maximum of 1.4 W/m²K.
- » HBN 00-10 Part D: Our windows specification complies with all relevant British standards, codes and statutory requirements noted. This includes the window restrictors offered to comply with secure maximum openings.
- » HTM 07-07: Our specification complies with the thermal performance of the whole window, as well as safeguarding the required environmental performance of the Maternity building.

To provide the Trust with clear reporting on the performance of our technical solution against the sustainability and monetary objectives of this scheme, we are maintaining a Carbon and Financial Savings Model. This records the product specification, construction cost, thermal performance and running costs of the installed windows and doors against the project objectives.

Works within Occupied Hospital Buildings

Adjacent areas of the maternity building, including delivery suites, will be in operation throughout these works. As a result, we are implementing our proven approach to segregation, safeguarding and monitoring within occupied Hospitals. Fundamental to this is constant communication with the local Department teams.



Client:	The Hillingdon Hospitals NHS Foundation Trust
Project Value:	£500,000
Programme Duration:	24 weeks
Architect:	Green Build Management Services
Quantity Surveyor:	EcoVate Group