

CASE STUDY

# THE CHRISTIE PATERSON CANCER RESEARCH CENTRE



# KAWNEER HELPS DELIVER A WORLD-CLASS MEDICAL RESEARCH FACILITY

## VISION

The Christie Paterson Cancer Research Centre is a 10 storey, 270,000sq ft development and is the largest single-site cancer centre in Europe. The building is part of the Manchester Cancer Research Centre and will be one of the top cancer research centres in the world and was built to replace the previous building, which was severely damaged in a fire in 2017.

The state-of-the-art building on Wilmslow Road is directly connected to The Christie Hospital. The £150m cancer research centre is home to world-leading scientists, researchers, clinicians, and operational staff who will deliver clinical trials covering the full extent of the patient pathway,

from prevention and novel treatments to living with and beyond cancer. The new centre is the result of a highly successful partnership between The Christie, Cancer Research UK, and The University of Manchester.

© 2024 Kawneer





## TRANSFORMATION

Architects BDP specified Kawneer's market-leading, architectural aluminium glazing systems as they were able to meet the rigorous design requirements and complex nature of the scheme.

Kawneer's AA®110 Structurally Silicone Glazed (SSG) Curtain Wall system was used throughout the ground floor and stairwells of the centre.

The upper levels of the main façade were subject to significant levels of building movement between floors. This required the system to accommodate combinations of imposed and live load deflections of up to +/-19mm. Kawneer's major project team developed a bespoke solution using their AA®201 HI Unitised Curtain Wall chassis. The system was additionally weather tested to CWCT Sequence B including a structural movement module.



Issue Number: 163

## REALISATION

The new building, built by Vinci Construction, now benefits from abundant natural light, thermal performance and protection from the elements.

The completed project was a finalist for the Project of the Year in the Positive Impact Category at the Mixology North23 Awards, thanks to its human-focussed design, combining both the clinical and the research aspects to put treatment at its core. Also, in the Public Sector & Cultural Category.

It has also been shortlisted for the Greater Manchester Chamber, UK Building of the Year award, in recognition of its design quality, construction techniques, sustainability credentials and community benefits.

Kawneer is delighted to have been involved in this project which is a spectacular addition to Manchester's skyline and an exciting development in the fight against cancer.



Please contact our Architectural Services Team if you have a project you would like to discuss:  
Tel: 01928 502604 / Email: [kawneerAST@arconic.com](mailto:kawneerAST@arconic.com)

© 2024 Kawneer  
Photos: BDP/Nick Caville

**KAWNEER**

Kawneer UK Ltd  
Astmoor Road  
Astmoor Industrial Estate  
Runcorn, Cheshire  
WA7 1QQ

Tel: +44 (0) 1928 502604  
E-mail: [kawneerAST@arconic.com](mailto:kawneerAST@arconic.com)

[www.kawneer.co.uk](http://www.kawneer.co.uk)