

## THE BUILDING

As a landmark office space completed in 2022, The Spark has successfully established itself as a leading destination for businesses in Newcastle. Emphasising collaboration, cutting-edge design, and state-of-the-art amenities, it provides an inspiring working environment for both established enterprises and innovative start-ups.

The Spark prioritises connectivity and sustainability, aligning with the evolving needs of the modern workforce. Its commitment to environmental responsibility, evident through the BREEAM Excellent certification and impressive EPC rating of A, sets new standards for eco-conscious office spaces.

With its strategic focus on fostering innovation, promoting collaboration, and meeting contemporary demands, The Spark stands out as an exemplary model for modern workspaces in the UK.

## THE GLASS

The Spark features a fully glazed façade with curtain walling, and red aluminium cladding, both building materials that are 100% recyclable; helping the business to attain the highest sustainability credentials.

The glazing includes Saint-Gobain Glass' Cool-Lite SKN 144 II, a product designed to offer exceptional solar and thermal performance:

- **A very low g-value of 0.23**
- **Optimum U-value of 1.1W/m<sup>2</sup>K**
- **Neutral appearance both in transmission and exterior reflection**
- **Good levels of natural light transmission**

Cool-Lite SKN 144 II can significantly improve the energy efficiency of buildings by reducing overheating and the need for costly air conditioning during summer. It is particularly suited to large areas of glazing where superior, solar control performance is required whilst at the same time noticeably reducing excessive heat loss in cold weather conditions.

Project:

# THE SPARK

**Location:** Newcastle Helix,  
Newcastle upon Tyne NE4 5TF

**Sector:** Commercial office

**Featured:** Cool-Lite SKN 144 II



## THE STAKEHOLDERS

**Client:** Legal and General  
**Architect:** Ryder Architects  
**Main contractor:** Sir Robert McAlpine  
**Façade specialist:** Charles Henshaw