

THE BUILDING

NOMA is a major 20-acre urban regeneration project in the heart of Manchester city centre. The master plan aims to create a vibrant mixed-use neighbourhood with new homes, offices, hotels, shops, restaurants, and public spaces.

When fully completed, NOMA will comprise 2.5m sqft of office space, 1m sqft of residential units, and 200,000 sqft of hotels, making it one of the most significant regeneration schemes in the UK. The project prioritises social inclusion, community cohesion, and sustainable development. The neighbourhood is being designed with a people-centric approach, promoting well-being and environmental stewardship.

NOMA aligns with Manchester City Council's strategic objectives for economic growth, job creation, and supporting local communities. It reflects the city's evolving regeneration and economic context, positioning NOMA as an emerging commercial, creative, and digital hub. The project aims to be a force for positive change, creating an inclusive and thriving neighbourhood.

THE GLASS

For this project, the COOL-LITE® XTREME 70/33 product was utilised. The COOL-LITE® XTREME range provides multiple benefits when paired with other products in the Saint-Gobain Glass portfolio. For example, when used with STADIP® SILENCE, it contributes to noise reduction, and when used in combination with STADIP® products, it enhances safety and security.

This high-performance solar control solution maintains the appealing neutral aesthetics characteristic of the COOL-LITE® XTREME range. Featuring a 70% light transmission, it maximises daylight while boasting a low solar factor of 0.33, reducing cooling loads and potential reliance on air conditioning. With an impressive centre pane U-value of 1.0W/m²K, it provides excellent thermal insulation, promoting energy savings. Its high level of

Project:

4 ANGEL SQUARE

Location: Manchester

Sector: Offices

Featured: COOL-LITE® XTREME 70/33 II



neutrality in transmission and exterior reflection distinguishes it as the most neutral coating within the COOL-LITE® XTREME range. The COOL-LITE® XTREME 70/33 is a triple silver coated glass with high solar control selectivity that does not compromise on aesthetics or cause glass distortion.

As large expanses of glass were required for the building, the Technical Specification Team at Saint-Gobain Glass worked closely with the Architects from the early specification stages to ensure the project's success. Overall, COOL-LITE® XTREME 70/33 facilitates the creation of comfortable interior spaces by mitigating overheating in summer and heat loss in winter, while maintaining leading neutral aesthetics for façades and glazing.

