

RVT Group reduces noise impact during redevelopment of New Covent Garden

June 2017

The project

Regeneration of London's iconic market and the surrounding area. Among the largest regeneration projects in Europe, the area will become a wow destination in Central London, providing 20,000 new homes, 25,000 new jobs, new schools, parks, culture and arts.

New Covent Garden facts and figures

- The largest fruit, vegetable and flower market in the UK
- 200 businesses trade within the market
- Over 2,500 people work there
- 37 acre site
- The developer is VSM, a 50/50 joint venture between St. Modwen Properties and VINCI
- Scheduled for completion in 2022
- Part of a huge redevelopment of the Vauxhall and Nine Elms areas, which will eventually include two new town centres and tube stations

Effective noise control enables 'business as normal' for market trader



New Covent Garden Market has been in its Nine Elms location, on the south side of the River Thames, since 1974. It is now undergoing a major overhaul to meet the requirements of 21st century trading. The redesigned complex will allow better traffic flow, with wider spaces between buildings to facilitate quicker, smoother and safer loading and deliveries.

The whole redevelopment will occupy the same site and will proceed in phases to allow the market to continue operating throughout the project. As each phase is completed, tenants will move in, allowing their old premises to be demolished and the next building phase to begin.

It is a massive project; redevelopment commenced in June 2015 and is scheduled for completion in September 2022. The first phase of the project was completed in April 2017 with the opening of the New Flower Market.

Overall, the project will deliver more than half a million square feet of new state-of-the-art market facilities across a 37 acre site. An additional 20 acres of land will be transformed into three high quality residential neighbourhoods comprising 3,000 new homes, 135,000 square feet of office space and 100,000 square feet of retail, leisure and community facilities, including shops, cafés and restaurants.

Benefits of the RVT solution

- Practical and flexible noise control
- Multiple quilts used to create a continuous acoustic barrier
- As well as reducing noise, barrier broke the line of sight to works
- Equipment supplied will adapt to meet different needs as the work proceeds through its different phases

“When applied correctly we have found that the quilts provide a significant noise reduction at source. Complaints from local residents appear to have dropped locally so the product seems to be working well as a noise reduction solution.”

Daniel Caston
Senior Construction Manager

Further information about the redevelopment of New Covent Garden Market can be found [HERE](#)

The challenge

Inevitably with such a large project, considerable noise would be generated. With market activities continuing throughout the redevelopment, there was a particular need to prevent noise affecting the traders and their customers



The RVT solution

Where building or demolition work is in progress, the active area is surrounded by a continuous barrier made up of our Soundex quilts. This barrier not only provides significant protection from the noise of the works but also serves as a visual shield between them and the market traders. This is a major factor in enabling traders to continue operating their businesses while redevelopment takes place around them.

Further noise protection is provided in the form of a Soundex breaker enclosure. This is deployed to control noise at source from breakers and excavators, where these operate in proximity to traders and their customers.

