

Sector: **Retail**

Project: **Woking Town Centre**

Innovatively raising the roof to **reduce noise levels in a busy retail environment.**



## Understanding the Challenge

As part of a town centre regeneration programme for Woking, a major international contractor needed to remove an existing tiled floor and screed bed in a busy shopping arcade and thoroughfare without disrupting trade. Local businesses included two coffee shops, banks, travel agents, opticians and estate agents.

Earlier works on drainage diversions at one end of the arcade had resulted in noise complaints from those in close proximity, so contractors were under pressure to ensure adequate noise control measures were put in place and to improve relationships with those around them.

## Creating the Right Solution

RVT Group were called in to assess the project with a view to providing a conventional, temporary sound screen around the works. But with smooth, hard surfaces forming the floor and ceiling of the arcade there was concern that noise could be reflected from the ceiling and into public areas. Our expertise and innovation, especially in challenging situations, meant we were able to deliver a solution.

- ✔ Bespoke SOUNDEX™ Acoustic Enclosure with a roof that completely encapsulated the work area and prevented noise resonating off the ceiling of the shopping arcade.
- ✔ Use of high performance acoustic material for maximum sound absorption.
- ✔ Use of flame retardant materials to meet stringent requirements imposed by the client for any products that were brought into the shopping centre.
- ✔ Real-time monitoring carried out by the contractor confirmed to the client that they were meeting the noise limits

### Providing Real Benefits

The noise control solution recommended by RVT was a major success with noise levels significantly reduced. Customers sitting at tables in the coffee shop less than three metres away were able to have normal mobile phone conversations and pedestrians passing within two metres of the breaker were unaffected by noise.

No further noise complaints were recorded by the contractor, and the site operatives using our solution found it simple and effective to use.



#### NOISE CONTROL SOLUTIONS



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#### NOISE CONTROL SOLUTIONS



Noise produced from the pecker from the machine was controlled at source with the SOUNDEX enclosure enabling shops to remain open as usual and customers to continue to enjoy their shopping experience.



#### EXHAUST FUME CONTROL SOLUTIONS



With the innovative 'add on' RAVEX Diesel Exhaust Fume filter kits diesel plant could be brought into the shopping centre without causing a build of harmful exhaust fumes.

### World-class solutions for world-class success

We're focused on delivering solutions that overcome our customers' challenges, and firmly believe that a team with a real can-do attitude can achieve anything.

With proven success on some of the world's most prestigious projects, we ensure our customers keep working efficiently and effectively and get the job done safely wherever they are.

Contact us to discuss out how RVT Group can help you overcome your next challenge in the Retail Sector on **+44 (0) 844 324 0601**



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