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The Oracle Shopping Centre, Reading

February 2019

About The Oracle, Reading

- Built in 1999 by Hammerson
- 76,200m² of floor space
- Built on the site of a 17th century workhouse
- Anchor tenants include Debenhams and House of Fraser
- £5.7m development nearly completed

The challenge

Radius Shopfitters needed an extraction machine to protect their construction crew from harmful exhaust fumes generated from the concrete pump. Without the right equipment to pump the fumes away from the site, the job wouldn't be able to continue.

Radius approached RVT to confirm what they needed to keep the project on schedule and to keep the trade workers safe.



The Oracle shopping centre in Reading is currently undergoing a £5.7m redevelopment. Reading Borough Council's investment in this prominent shopping complex is a two-phase upgrade designed, to transform the mall into a 'premium leisure destination'.

The improvements include a new Lebanese restaurant overlooking the River Kennet, fronted with 167 metres of glass panelling to allow for spectacular views across the city. The second phase delivers a vibrant shopping area and aims to attract 'London standard' retailers to The Oracle. The success of this stage has drawn many major retailers to the centre, including Next, the clothing and home furnishings giant.

Next secured a two-level space across the Upper and Lower Malls and engaged Radius Shopfitters to create a seamless shopping experience. The project required gallons of concrete to be pumped into the new space but the diesel fumes from the pump would pose a health hazard to construction workers. Radius Shopfitters spoke to RVT to find a solution.

Key benefits

- Powerful 110v centrifugal fans extracting fumes directly from exhaust pipes and venting to atmosphere.
- Up to 80m flexible ducting runs, without in-line fans
- Extraction from exhaust pipes up to 200mm
- Proven extraction on up to 250 kva generation.

“RVT had exactly what we needed. Without the RVT Extraction Kit, the concrete pump could not be used as it would’ve generated exhaust fumes. The job was done efficiently and cost-effectively with the help of RVT.”

Site Manager
Radius Shopfitters

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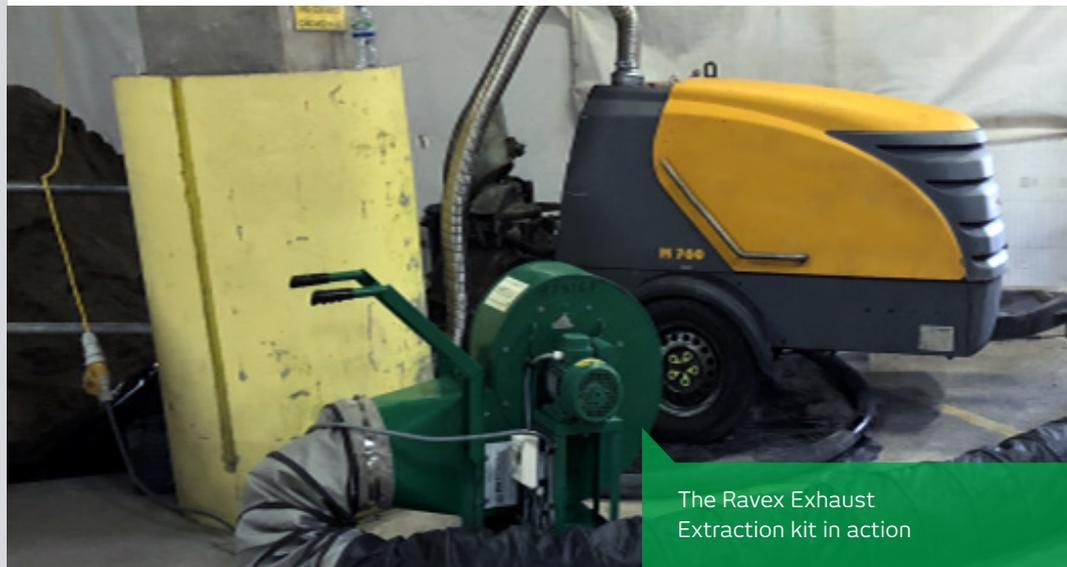
The RVT solution

RVT’s Ravex Exhaust Extraction Kit is perfect for use in enclosed spaces; it diverted the fumes to a safe area outside of the shopping centre, allowing the renovations to continue without interruption.

Ravex Exhaust Extraction Kit

The Ravex Exhaust Extraction Kit’s powerful centrifugal fan is capable of discharging fumes through 80 metres of ducting. It comes complete with a high temperature silicon/neoprene ducting and a heavy duty discharge ducting. Quick and easy to set up, the fan intake is attached to the exhaust outlet via a steel flexible hose and secured by an exhaust pipe clamp adaptor.

The Ravex Exhaust Extraction Kit was easily installed on site and performed perfectly, eliminating the dangerous concrete pump exhaust fumes. Construction workers could continue working on Next’s new exciting store without threat to their immediate or future health.



The Ravex Exhaust Extraction kit in action



Up to 80m flexible ducting runs