

# Case study 531

## Andrews provide drying solution for major construction project

Andrews Dehumidification recently helped one of West Yorkshire's largest construction companies by providing them with an emergency drying arrangement. Our client was tasked with the complete renovation of an existing six-floor office block in central Sheffield. Part of the works included removal of the building's existing roof, which meant that for several months the entire building was open to the elements.

As a result, the building suffered extensive ingress of water and saturation of building fabric. Once the roof was made watertight, the customer was on a tight schedule to dry out the building ahead of commencing internal works, which were set to take place in a few weeks. It was therefore our primary intention to propose an effective drying hire package.

One of our dehumidification experts visited the site and conducted a site survey of the application to suggest an effective tailor-made drying solution. This consisted of six KT2000 desiccant dehumidifiers, with one positioned on each floor due to the amount of moisture to be removed in a relatively short space of time.

Despite having to contend with removing large amounts of moisture in a relatively short space of time, we were able to strategically deploy this dehumidifier rental solution throughout the construction site and maximise its effectiveness. Our swift response underlines our ability to implement hire systems to suit precise specifications at short notice without compromising performance.



Extraction rate (max) 450 litres/24hr  
Nominal extraction duty at 75%  
RH @ 20°C 300 litres/24hr  
Power supply 415V 3ph 50Hz  
Plug type BS4343 5 pin 32A  
Noise level (max) 82.75 dBA @ 1 metre  
Weight 225kg  
Dimensions (LxWxH) mm 1,290 x 890 x 1,050  
Control Manual (humidistat option)  
Average power consumption 20 kW/h

