

Case study 505

Andrews Dehumidification Hire Assist Screed Drying Before Oak Flooring Is Laid

A construction site in Scotland came to a halt when their floor screed wasn't drying. Due to the weather, the process was going slower than expected and the strict deadline was getting closer. Located in Glasgow in the south of Scotland, the company phoned Andrews Sykes Hire for help. We sent one of our experts, from the local depot to conduct a site survey and ensure the best result. After the full assessment we provided seven HD500 Refrigerant Dehumidifiers, seven ASF21 Ventilation Fans and seven DE25 Heater units with thermostats. There were many corridors and corners within the building, therefore these units needed to be placed strategically to guarantee a prompt drying result.

The moisture extraction method we employed was closely controlled, if the drying process is too quick the screed could shrink and crack. This would be disastrous for the builders working on a deadline. Andrews Dehumidification Hire delivered and installed all units on the same day as the initial call. The HD500 DV Dehumidifier Building Dryer, is built to endure the dynamic conditions of a construction site. The large wheels make it very manoeuvrable and it's safe and easy in use.

The builders had a slight issue with their own power supply, thus we additionally provided a generator to keep all units fully operational. Once all was dry, the floor contractors could resume by installing the oak floor. The result was a success and the builders and contractors were very pleased to have finished the flooring project on time.



Power supply 230/100V 1 ph 50 Hz
Run 4.1/8.2 A
Keep dry area (typical) 850 m
Noise level (max) 55 dBA @ 3 metres
Dry out area (typical) 400 m
Weight 59 kg
Plug type BS1363 230 V BS4343 16 A 100V
Dimension 940 x 630 x 1,110 mm
Average power consumption 492 W/hr
Control Manual (Humidistat Option)



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