

BESPOKE HUMIDITY CONTROL

HUMIDITY SOLUTIONS

HUMIDITY SOLUTIONS SYSTEMS REDUCE GLUING TIME FOR SPECIALIST FABRIC PRODUCER



Humidity Solutions has delivered a bespoke humidity control solution to specialist automotive supplier Uniroyal Global to support the company's productivity and quality control.

Uniroyal Global supplies an extensive range of products to automotive companies and had recently won a large contract to supply fabrics to one of world's largest car makers. Manufacturing these products involves gluing different materials, which requires precise humidity control to optimise curing time.

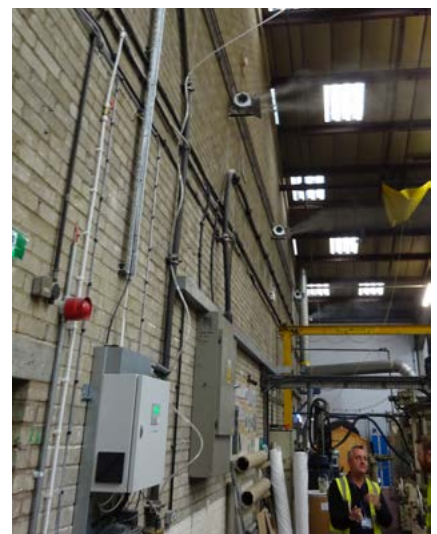
Having seen Humidity Solutions' Airtec humidifiers in a similar environment, Uniroyal Development Chemist Dr Sam Hill invited the company to visit site to determine the best solution. Having identified optimum conditions of 60% relative humidity at 23°C, Humidity Solutions designed, installed and commissioned a system comprising an

Airtec high pressure humidification system serving seven Hydro Trio spray heads.

In order to fit in with Uniroyal Global's production schedules, the system was installed and commissioned within around 10 days.

Dr Hill commented: "We are very pleased with the quality of the system and support we received from Humidity Solutions. It has had a significant impact on our production processes with curing time reduced from three days to just 24 hours."

The Airtec modular, high pressure humidification system injects water into the air under pressure through multi-directional, fan-assisted nozzles. The high pressure ensures the water is atomised and absorbed rapidly into the air. The nozzle fan heads are about the same size as a CCTV camera, making the system very unobtrusive and easily retrofitted in existing buildings.



For further information please visit www.humiditysolutions.co.uk