



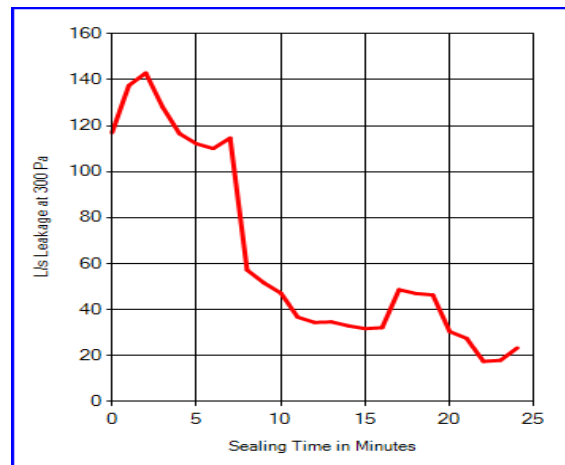
**Aerosol injection details:**

Duct surface area:	77.35m <sup>2</sup>
Pre-seal leakage:	117 l/s @300Pa (%)
Post-seal leakage:	23.15 l/s @300Pa (%)
Leakage reduction:	80.10%
Equivalent class:	Class C

Installation of the supply plenum boxes to the underground plastic supply duct had not been straightforward and these were points of additional leakage. Plenum boxes were blanked over, they were then sealed during the injection.

After Aerosol the buildings system leakage was reduced by an average of 80.1%. The system passed pressure testing with leakage rates equivalent of class C, above the building's specification of class A. Sealing could not be progressed any further, suggesting that one single leak was present on the system greater than 20mm in width, all other points of leakage were closed.

VSS helped ensure that no delays were experienced on this project, providing a fast and cost effective solution to our customer, reducing future running costs and improving efficiency of the buildings HVAC system.



Aerosol equipment in use and leakage reduction data