

## PROJECT IN BEELD

# 4SOME TECHNICAL MANAGEMENT - PwC WESTGATE I & II

## SAFE AND CLEAN AIR CIRCULATION AT PwC

4Some Technical Management is a specialist in the management and maintenance of technical, building-related installations. The company performs this task, among others, on behalf of ISS Facility Services at the PwC Netherlands buildings in Amsterdam: Westgate I and Westgate II. At PwC, the global accounting and tax advisory firm PricewaterhouseCoopers, optimizing air quality is also a key agenda item. How can they provide their employees, clients, and suppliers with optimal protection against (ultra)fine dust, and how can they reduce the risk of spreading pathogens through the ventilation system? These are the questions 4Some Technical Management was asked by ISS Facility Services' facility management, for which 4Some entered into a collaboration with Interfilter Group.

### Air circulation challenge

Joint research was conducted on air quality within the PwC Westgate I and II buildings, and potential improvements in air circulation were explored. The conclusion: to optimize air circulation, it is important to apply filters that meet the WHO's requirements for fine dust filtration, as well as the REHVA standards for activating the recirculation section of an air handling unit. This creates optimal air quality for PwC's employees and visitors.

### Clean and safe air

Following advice from Interfilter and in consultation with 4Some Technical Management, two changes were made to the air handling units at PwC Westgate I and II:

- Application of NW95 ePM1-70% filter instead of ePM1-60% to meet ODA 2/ SUP 2 (Eurovent 4/23)
- Application of NWES98 Plus (anti-virus filter) in the recirculation section of the air handling units

Thanks to the ISO ePM1-90% filter class, the NWES98 PLUS easily meets the recommendation of at least ISO ePM1-80% for recirculation, as stated by REHVA. Additionally, the filter medium is equipped with a virucidal coating (citric acid), which inactivates any viruses present in the filter as much as possible. Finally, by enabling recirculation, the energy consumption of the air handling units will decrease significantly. A nice added benefit!

## FACTS AND FIGURES



Optimal protection against polluted outside air with PM1-70% filters



Air recirculation possible with the NWES98 PLUS



Energy label A+ and reduced energy consumption



20% longer lifespan of air filters



Reduced risk of virus spread