

VENTILATION MEASURES FACT SHEET

All retrofit works which are Government funded must adhere to PAS2035 retrofitting standards which includes the installation of adequate ventilation. A qualified coordinator prepares a ventilation strategy which includes all ventilation requirements for your home.

What is ventilation?

Ventilation is the process by which 'stale' polluted air from inside our home is replaced with fresh external air. Indoor pollutants are such things as CO₂, odour, moisture, tobacco smoke, pollen, bacteria and mites.

Why do I need ventilation after insulation measures?

It is important to upgrade the ventilation of your home because as the energy efficient measures are installed it makes your home relatively airtight; without adequate ventilation your home will become damp and mould will develop, the installation of proper upgraded ventilation systems is essential to maintain a healthy indoor environment.

Benefits of ventilation to my property

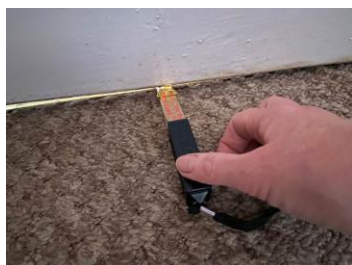
- ✓ The installation of proper upgraded ventilation systems is essential to maintain a healthy indoor environment.
- ✓ Fresh air prevents damp and mould growth making it cheaper to warm your home as the more moisture in the air the harder it is to heat.
- ✓ Without effective ventilation, moisture can be trapped in your home and turn into condensation, particularly in the winter when surfaces such as walls are cold. The condensation can lead to damp and mould growth which can cause damage to your home and lead to respiratory illnesses for you and your family.
- ✓ With insufficient ventilation, warm air lingers in summer, which can lead to overheating and the need for more cooling.
- ✓ In winter, a lack of ventilation can allow cold air to enter, requiring more heating. This results in a higher energy consumption for heating, and consequently higher energy bills.

- ✓ Protecting health - Without good ventilation, there will be more substances in the air that can cause harm to you and your family. This includes pollutants from cooking, cleaning products, hygiene products and fabric furnishings.

Ventilation measures

Mould growth and dampness will need to be removed and rectified.

Door undercuts



Undercuts of at least 10mm beneath each internal door, to allow air to move through your house. All internal doors that do not currently comply will require this work. The bottom of all 760mm wide internal doors will be sanded down to a gap of 10mm, this does not include external doors.

Window trickle vents



Installation of trickle vents in windows where they are not present. This will include any habitable rooms in your home. These will be added to your existing windows.

dMEV extractor fans (decentralised mechanical extract ventilation)



Is the modern solution for energy-efficient and quiet ventilation. Unlike traditional intermittent fans, dMEV fans operate continuously at low energy levels, providing consistent airflow while significantly reducing energy consumption and noise levels. Fans are fitted to wet rooms. If you already have existing fans these may not meet the requirements under PAS2035, and replacement fans will be required.