

WHAT ARE THE CHANGES FOR WINDOW MANUFACTURERS & INSTALLERS?

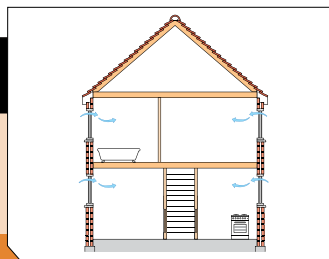
From 1st October 2006, replacement windows will fall under the Building Regulation requirements and unless existing ventilation provision is within a room, they will all require trickle ventilation. The level of ventilation must not be less that was originally supplied and for new requirements the following minimum sizes should be adopted:

SELECTING A SUITABLE WINDOW VENTILATOR?

There are a wide range of products available and if you now have to comply with the requirements of ADF, you should consider the following to ensure the most suitable solution for the application;

- 1. Vent Positioning** – Can the vent be installed in the centre of the profile or should two vents be installed above each sash opening?
- 2. Performance** – Does it comply with ADF 2006?
- 3. Aesthetics, colour & control** – Is the product low profile when installed and are there a range of colour options to suit my customers requirements?
- 4. Rout** – Can the vent be physically accepted on the profile? What is the maximum rout size I can achieve?
- 5. Installation** – How long will the vent take to install? Are there any options that may reduce the production time?

DWELLINGS



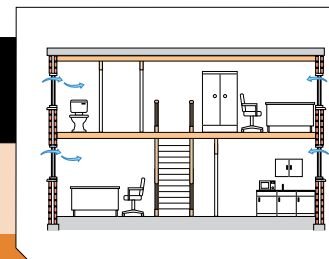
Equivalent Area

Habitable Rooms	5000mm ²
Non Habitable Rooms	2500mm ²

Purge Ventilation

Extract provisions are required in each habitable room (extract provisions are sufficient in other rooms e.g. kitchens, bathrooms) and should be capable of extracting a minimum of four air changes per hour (ach) per room directly to outside.

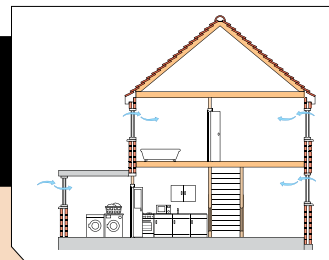
BUILDINGS OTHER THAN DWELLINGS



Equivalent Area

Acceptable Rooms	
Floor areas up to 10m ²	2500mm ²
Greater than 10m ²	250mm ² per m ² of floor area
Kitchen (domestic type)	2500mm ²
Bathroom and shower rooms	2500mm ² per bath or shower
Sanitary accommodation (and or washing facilities)	2500mm ² per WC

ADDITION OF A WET ROOM TO AN EXISTING BUILDING



Mechanical and Passive ventilation are required.

Equivalent Area

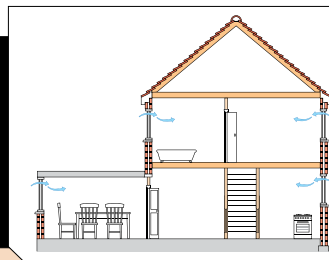
Mechanical Intermittent Extract Fan	15l/s
Background Ventilators	2500mm ²

Alternative extract methods can also be used and the passive ventilation requirements added according to each system (detailed in ADF 2006) –

- Single Room Heat Recovery
- Passive Stack Ventilation
- Continuous Extract Ventilation

In addition there should be an undercut of minimum area 7,600mm² in any internal doors between the new wet room and the existing building (equivalent to 10mm above the floor finish for a standard 760mm width door).

ADDITION OF A HABITABLE ROOM (NOT INCLUDING A CONSERVATORY) TO AN EXISTING BUILDING



- 1.** If the additional room is connected to an existing habitable room which now has no external openable windows, the two habitable rooms can be treated as a single room for ventilation purposes.

A permanent opening between the two rooms and provision for purge ventilation based on the combined floor area is required (refer to Appendix B in ADF) 8000mm² Equivalent Area background ventilation provision from the habitable room to the outside.

- 2.** If the additional room is connected to an existing habitable room with an openable window and background ventilator **less** than 5000mm², requirement is as 1 above.

- 3.** If the additional room is connected to an existing habitable room which still has openable windows opening to the outside **and** with a background ventilator of equivalent area at least 5000mm².

Provision of background ventilation should be at least 8000mm² equivalent area between the two rooms and at least 8000mm² equivalent area between the additional room and outside. Both openings should provide purge ventilation based on the combined floor area (refer to Appendix B in ADF).