



Mark Stephens  
Architects

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## ADVICE NOTE

### No. 6 - Achieving airtightness with masonry construction

This Advice note deals with the different methods of achieving airtightness with traditional masonry cavity construction. The advice note is concerned with the basics only, further details are required for floor and roof junctions between walls to timber/concrete floors and between walls and roofs etc.... This note also does not cover the required ventilation in accordance with the Building Regulations. The advice is only concerned with masonry cavity construction and is not advice for other types of construction such as solid masonry walls with lime mortar/render etc...

#### IMPORTANT:

1. Blockwork is not airtight unless it has:
  - a. 2 coats plaster
  - b. An airtightness membrane applied such as pro clima INTELLO® PLUS
2. Plasterboard is not considered airtight unless:
  - a. The blockwork it is fixed to has been scratch coated with plaster
  - b. Under the plasterboard is an airtightness membrane such as pro clima INTELLO® PLUS (see notes below also)

The same rules applies to insulated plasterboard.
3. Every junction between masonry and an opening (such as windows & doors needs to be sealed with either:
  - a. Contega FC or SIGA Fentrim plaster sealing tape
  - b. Tescon adhesive tape taped from window/door to pro clima INTELLO® PLUS airtightness membrane.
  - c. Tescon adhesive tape taped from window/door and fixed onto scratch coated wall with Orcon F flexible joint adhesive.
4. It is good practice to fix the airtightness membrane onto a battened service cavity which is fixed to the masonry wall.

#### NOTE:

**Every situation will require specific advice and the advice given here is for general information only. All advice is remote from the situation and cannot be relied upon as a defence or support – in and of itself – should legal action be taken. Competent legal and building professionals should be asked to advise in Real Life with rights to inspect and issue reports on the matters at hand.**

**All tapes, membranes and adhesives are to be applied in accordance with the manufacturers instructions for the specific case at hand.**

#### OFFICE

Rooskey  
Foxford  
Co. Mayo  
Ireland

#### MOBILE

085 159 4084

#### TEL

094 92 57621

#### EMAIL

[mdstephens@gmail.com](mailto:mdstephens@gmail.com)

#### WEB

[MarkStephensArchitects.com](http://MarkStephensArchitects.com)