

# 4 Simple Steps to Airtightness in Block Build

**IMPORTANT:** Always plaster or parge directly onto the blockwork internally to form an airtight seal.

**1** Install INTELLO PLUS membrane on the internal side of your roof construction.

**INTELLO<sup>®</sup> PLUS**  
Intelligent vapour check and airtight membrane

**2** Use CONTEGA SL Tape with ORCON F adhesive to create an airtight seal between the window or door frame to the plaster.

**CONTEGA<sup>®</sup> SOLIDO SL**  
Airtight, vapour resistant window plaster sealing tape

**3** Tape the overlaps with TESCON VANA tape to create an airtight and vapour control layer.

**TESCON<sup>®</sup> Vana**  
Multi-purpose adhesive tape for airtight bond at membrane overlaps

**4** Use CONTEGA SL or ORCON F to connect the membrane to the plastered perimeter wall

**ORCON<sup>®</sup> F**  
Multi-purpose flexible airtight adhesive for indoor and outdoor applications

# Airtightness Made Easy with



Intelligent airtight and windtight building systems



## Other helpful products



**TESCON<sup>®</sup> PROFIL**  
Flexible multi-purpose corner sealing tape for windows, doors and corner joints.



**AEROSANA<sup>®</sup> VISCONN**  
Sprayable or paintable airtight paint. Ideal solution for tricky, difficult to access details and/or to seal chasings in a block wall.



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# 4 Simple Steps to Airtightness in Timber Frame

1

Create a continuous airtight and vapour control layer on the inside of the roof and wall system using INTELLO PLUS membrane.

**INTELLO<sup>®</sup> PLUS**

Intelligent vapour check and airtight membrane

2

Tape the membrane overlaps with TESCON VANA TAPE\*

**TESCON<sup>®</sup> Vana**

Multi-purpose adhesive tape for airtight bond at membrane overlaps



3

Seal INTELLO PLUS membrane to window and door frames using TESCON PROFIL.

**TESCON<sup>®</sup> PROFIL**

Multi-purpose flexible sealing tape for windows, doors and corner junctions

4

Connect INTELLO PLUS to the concrete slab or screed floor using ORCON F\*

**ORCON<sup>®</sup> F**

Multi-purpose flexible airtight adhesive for indoor and outdoor applications



\*Alternatively Vapour Block Airtight Racking Board can be used instead of pro clima INTELLO PLUS. Joints between boards are sealed with pro clima TESCON VANA and the floor to wall seal is made with pro clima CONTEGA SOLIDO SL.

Other helpful products



**TESCON<sup>®</sup> PRIMER RP** **TESCON<sup>®</sup> SPRIMER**

Adhesive primer, surface preparation treatment which comes in bottle or sprayable can.



## General Airtightness Tips

**Tip 1**

If there are downlighters involved in your build which break the airtight envelope, you will need to create an airtight seal around them using Optime Downlight Protectors.



**Tip 2**

Wherever pipes or cables penetrate the airtight envelope use Kaflex cable grommets and Roflex pipe grommets.



**Note:** This pro clima guide is a basic introduction to achieving airtightness and vapour control in buildings. The pro clima solutions provide a permanent airtight seal and must be correctly installed

 **ecological**  
BUILDING SYSTEMS  
*Naturally Better*

Ireland T. +353 (0) 46 9432104

UK T. +44 (0) 1228 711511

[www.ecologicalbuildingsystems.com](http://www.ecologicalbuildingsystems.com)

[info@ecologicalbuildingsystems.com](mailto:info@ecologicalbuildingsystems.com)