

4 Simple Steps to Airtightness in Block Build

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

INTELLO plus

Intelligent vapour check and airtight membrane

STEP 1

Install INTELLO PLUS membrane on internal warm side of your roof construction.

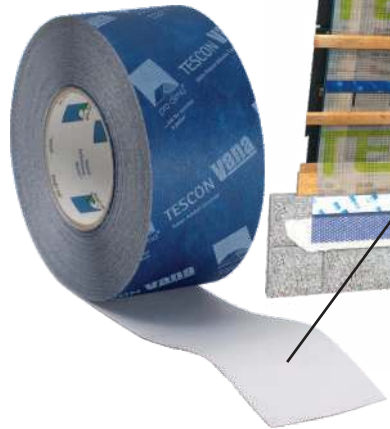


CONTEGA SL

Airtight, vapour resistant window plaster sealing tape

STEP 2

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



TESCON VANA

Multi-purpose adhesive tape for airtight bond at membrane overlaps

STEP 3

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

ORCON F

Multi-purpose flexible joint adhesive for indoor and outdoor applications

STEP 4

Use CONTEGA SL or ORCON F to connect the membrane to the plastered perimeter walls.



Don't get stuck with
Airtightness
Keep it simple with



Intelligent airtight and windtight building systems



4 Simple Steps to Airtightness in Timber Frame

INTELLO plus

Intelligent vapour check and airtight membrane

STEP 1

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



TESCON VANA

Multi-purpose adhesive tape for airtight bond at membrane overlaps

STEP 2

Tape the overlaps on the membrane with TESCON VANA tape. Where OSB3 is used internally, tape all joints with TESCON VANA tape.



TESCON PROFIL

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

STEP 3

Connect INTELLO PLUS membrane to window and door frame connections using TESCON PROFIL. TESCON PROFIL has 2 release papers to aid application.

ORCON F

Multi-purpose flexible joint adhesive for indoor and outdoor applications

STEP 4

Connect the INTELLO PLUS from the walls to the concrete slab or screed using ORCON F. If OSB3 has been used internally apply a strip of DA-S membrane adhered to the wall and floor using ORCON F.



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 Housing boxes.



Tip 2

Wherever pipework breaks through your airtight envelope use Reflex pipe grommets for a secure and versatile fully airtight seal.



Tip 3

Use Kaflex Cable grommets for points where cables break through the buildings airtight envelope.



Note: This guide is a basic introduction to achieving airtightness & vapour control in buildings. pro clima solutions provide a permanent airtight seal, but rely on correct and accurate installation.

For more comprehensive strategies and technical advice contact:

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