



# Intelligent Airtight Systems Installer Training

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€95 per person, booking required 7 days in advance  
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**Seminars  
2017**  
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for dates**

[www.ecologicalbuildingshop.ie](http://www.ecologicalbuildingshop.ie)

## Training Program

Each participant receives a certificate of attendance, samples, a memory stick loaded with relative information including complete airtightness video tutorials, direct contact with senior engineers and expert airtightness craftsmen and lunch

9.30am **Registration**

10.00am **Background to the theory behind Airtightness**

- Why Airtightness
- Why Windtightness
- What about ventilation?
- Consequences of air leakage
- Common failure areas
- Airtightness and Active Moisture Management

11.00am **Coffee Break**

11.15am **Intelligent Solutions on Site**

- Designing, Building and Testing for Airtightness
- Intelligent onsite solutions
- Airtightness details and solutions
- Windtightness details and solutions
- Quality Control on site
- Airtightness in the Irish context, present and future

12.00 pm **Practical Demonstration and System overview**

- pro clima Airtight demo house overview
- Airtightness best practice detailing review
- pro clima WINCON airtightness quality assessment
- Identification of common leakage points in block and timberframe

1pm **Lunch**

2pm **Hands on Practical Application of System and Products**

- Introduction to practical
- Overview of key details
- Installation of airtightness of standard detail
- Installation of airtightness in complex details area
- Q & A

4.30pm **End of Training**



## Feedback and pictures from our seminars

"The Practical Session was very useful. I picked up a lot of helpful tips in applying the various tapes and glues. The workshop space is also fantastic and the cut away details are a brilliant way to understand the products and their interaction with each other."

"I really enjoyed the day. Well done to Ecological Building Systems for creating such a great space for displaying their products in such an interactive way!"

"A very thorough course, executed with real professionalism. You made us feel very welcome, and I am very grateful to you all."

"Excellent facilities and demo models an enjoyable day."

"Gives an excellent overview on all aspects airtightness / insulation and highlights advantages of natural insulation without making it a sales show. Now I know what questions to ask!"

"Thoroughly enjoyed the day and great to be able to meet and discuss with others in the business."

"Great! Bringing all the theory to life with the demos and practical's and seeing build-ups in the flesh!"



# Intelligent Airtight Systems Installer Training



**Peter Smith**

Ecological Building Systems

Peter Smith has been with Ecological Building Systems for 10 years, having had many years' experience as project manager on many new build and significant conservation projects. As well as delivering presentations to many heritage groups and architect practices, Peter provides direct site support where he gives builders and architects advice on achieving optimum air tightness and maximising thermal performance while minimising condensation risk.



**Roman Szypura**

Clíoma House Ltd .

Born in Germany, Roman undertook a 3 year apprenticeship as a joiner; he then worked for various companies as a carpenter, joiner, airtightness and insulation installer before becoming a freelance craftsman. His primary focus has always been on airtightness, natural insulation (mainly cellulose) and healthy energy efficient building. He moved to Sligo, in 2007 and founded clíoma house ltd which provides a full consultancy for Timberframe Passive Houses and installation service for airtightness and natural insulation. He has achieved airtightness results as low as an N50 of 0.087ACH.



**Darren O'Gorman**

Technical Support, Regional Trainer

Darren holds a master's degree in construction project management and is a PHI Certified Passive House Trainer and exam provider with over 15 years' experience in project design & supervision. He has delivered training courses in Passive House and Building Physics to built environment professionals and trades across UK & Ireland, including the first tradespersons in the UK to receive passivhaus tradesperson accreditation. He has also provided consultancy on a number of Certified Passive House & EnerPHit projects in the UK & Ireland.



# Seminars 2017

[www.ecologicalbuildingshop.ie](http://www.ecologicalbuildingshop.ie)

## Where we are:

### From the North (Belfast)

Take the M1 towards Dublin. At J10 exit onto the N51 for Drogheda North / Slane, continue to follow signs for Navan. From Navan, follow the signs for Athboy.

### From the East (Dublin)

Take the M3 towards Cavan. From M3 exit at J9 for Navan North/Devlin, follow signs for Athboy.

### From the South (Cork)

Take the M8 Northbound for Dublin, then follow directions from Dublin as above. From the West (Galway). Take the M6 Dublin Road. At J2 take the R148 into Kinnegad, follow signs for Athboy/ Trim on the R161. Turn off the R161 Trim Road to the L4016 to Ballivor and follow the signs to Athboy. Ecological Building Systems are based on the Main St, in Athboy directly opposite the Bank of Ireland. There is large signage for MacCann and Byrne, Ecological Building Systems outside the main building. Parking is available on our premises.



Ecological Building Systems are members of



**ecological**  
BUILDING SYSTEMS

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