

The Engineers Ireland Pyrite 'Design Professionals' (DP) Register

Personal contact details and Professional summary	
Name	Salutation: Mr First name: Aidan Family name: O'Connell Post-nominals (optional) <i>Chartered Engineer</i>
Address	Address Line 1:Lismard House Address Line 2:Timahoe Road Address Line 3:Portlaoise, Address Line 4:County Laois
Contact details	Landline telephone: +353 57 8663244 Mobile phone: +353 86 2452003 Email: info@aoconnellasc.com Website (optional): www.pyriteresolution.ie www.aoconnellasc.com
Qualifications	<i>BEng (Hons), Diploma in Highway & Geotechnical Engineering (Distinction), Diploma in Project Management (Distinction)</i>
Career history	Qualified with an Honours Civil Engineering Degree from University College Dublin in 1986 and emigrated to the UK immediately. Worked initially as Site Engineer rising to Project Manager on major construction projects throughout the Greater London area until 1991. Returned to Ireland in 1991 and worked with Laois County Council up to 1997, initially as part of the Portlaoise Bypass Design Team culminating in the role of Area Engineer in 1997. I then set up AOC initially as a sole trader but became incorporated in 2000. Since 2000 I have been the Managing Director of AOC Ltd. In 2012 I set up NPAS Ltd, a property audit company for the Insurance Industry.
Relevant project experience	AOC Ltd first became active in the Pyrite field of Engineering circa 2005 through the investigation of insurance damage claims under standard home insurance policies. Recognising that this was becoming a significant problem in the Greater Dublin area we researched all available literature and case histories to ascertain the potential impact in Ireland. At the same time AOC Ltd was appointed the lead Engineering Practice for Premier Guarantee In Ireland dealing with all Pyrite claims under that Structural Guarantee Scheme. As a result we wrote the first Testing and Investigation Protocols for Ireland from which the IS398 Standard has been developed. AOC Ltd is currently involved in more than 10 developments repairing many hundreds of dwellings throughout Ireland. AOC Ltd has also investigated numerous other types of development, commercial & Industrial for the same issue.
Specific areas of expertise	AOC Ltd was appointed to the NSAI IS398 standard committees appointed with the task of writing the new IS398 Standards on behalf of Engineers Ireland. I attended both the Part 1 & Part 2 meeting along with two other colleagues from my Practice. AOC Ltd has carried out three research projects to date with NUI Galway and has published one Technical paper on Pyrite Degradation. Currently we have two more active research projects with NUI Galway and Sheffield University. We have developed a specific informative Website, www.pyriteresolution.ie which we regularly update for public information. With the wide range of developments and country coverage that we are dealing with it is reasonable to say that AOC Ltd is the leading Consulting Engineering Practice dealing with the Pyrite Problem in Ireland.

Declaration: *I accept responsibility for the accuracy of the particulars contained in this form including my qualifications and I agree that, when submitted, its contents will be made available on the Engineers Ireland website www.engineersireland.ie*

I agree to the declaration above

Aidan O'Connell
Chartered Engineer.

