

Personal contact details and Professional summary

Name Mr
Aiden
Burke
Chartered Engineer with Engineers Ireland

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Qualifications *BE MMangtSc CEng MIEI*

Career history 2003 – Present; Senior Structural Engineer DBFL Consulting Engineers
2002 – 2003; Senior Structural Engineer, Walsh Goodfellow Consulting Engineers
1999 – 2000; Senior Structural Engineer, Irish Rail
1994 – 1999; Engineer/Analyst, WS Atkins (UK)

Relevant project experience Aiden is a Chartered Engineer and Associate with DBFL Consulting Engineers with experience of Inspection of Buildings, Structural Engineering, Structural Analysis and Finite Element Analysis. His main duties at DBFL include Engineering, Design, Construction Project Supervision, Specification and supervision of repairs to buildings.

Aiden's project experience includes:

Housing at Drynam, Beau Park and Myrtle, Dublin 13 (2007-2011)
Inspected and prepared visual condition inspections on approx. 50 properties, damaged by pyritic stone infill. Carried out detailed analysis and forensically examined c. 50 houses for all possible causes of the defects observed within the properties.

Remediation of Housing at Drynam, Beau Park and Myrtle, Dublin 13 (2007-2012)
Reported on the remediation of c. 50 houses damaged by pyritic stone infill.

Specific areas of expertise

As part of DBFL's Pyrites Team, Aiden has carried out many building surveys on pyrite-affected houses at Drynam and Beau Park housing estates in North Dublin.

Aiden's duties on DBFL's Pyrites Team include:
Identification of the symptoms and effects of pyritic heave

Recommending and managing the carrying out of relevant investigative testing and level monitoring by specialists

Preparation of detailed reports both for clients and their legal advisers

Making recommendations in relation to all necessary remedial works including detailed method statements as to how the works will be carried out

Inspection, supervision and certification of remedial works where such are required

Gathering further evidence during the remedial works for use in legal actions/arbitration hearings for Expert Evidence to the High Court and to Arbitration Proceedings

Aiden has specialist skills in the use and adaptation of technical analysis software and computer applications in the design of intricate structural elements. Recent examples of this include the 2-storey cantilevered main access stairs and roof support steelwork over the atrium in the recently opened award-winning Criminal Courts of Justice building in Dublin (Association of Consulting Engineers of Ireland President's Award for Excellence in Design (Structural) 2010).

Aiden has extensive experience in structural engineering design for Residential, Commercial and Institutional developments. His expertise includes design of concrete, masonry, steel and timber structures as well as road and pedestrian bridge design. He is also experienced in project management and contract supervision.

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